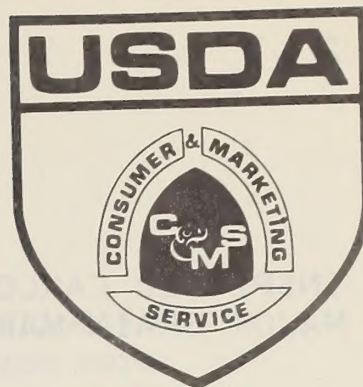


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GRAIN CROP QUALITY

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1968 CROPS

C&MS 44 (1968)

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INSPECTED CARLOT, TRUCKLOT, AND SUBMITTED SAMPLE INSPECTIONS FOR
MAJOR GRAIN-MARKETING STATES, BY KINDS OF GRAIN.

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CARLOT, TRUCKLOT, AND SUBMITTED SAMPLE INSPECTIONS OF GRAIN
COVERED BY THIS REPORT WERE GRADED ACCORDING TO THE OFFICIAL GRAIN
STANDARDS OF THE UNITED STATES. COMPLETE DEFINITIONS AND GRADE
REQUIREMENTS MAY BE FOUND IN SRA-177, OFFICIAL GRAIN STANDARDS OF
THE UNITED STATES, REVISED MAY 1964.

INTRODUCTION

The crop quality information included in this publication is a tabulation of grade and grade factor data obtained from more than 469,000 carlot, trucklot, and submitted sample inspections of receipts of grain at selected markets during and immediately following harvest. The inspection certificates tabulated were obtained by systematically sampling all receipt inspections. The holding of certificates started with the first certificate issued on the new crop harvest in the designated markets and continued until four (4) weeks after harvest was concluded, or a total of nine (9) weeks (whichever was first), for each kind of grain. The systematic sampling plan was developed to estimate within a 95 percent level of reliability the quality of each kind of grain inspected for the country as a whole. The purpose of selecting certain markets was to obtain a representative measure of grade and grade factor information as near as practical to the first level of marketing.

Submitted sample inspections were included from some points as being representative of the quality of grain produced in that area. The sampling procedure was designed to be representative of the qualities of new crop grain and not of that moving by car or truck separately. Therefore, car, truck and submitted sample were combined for the purpose of this report.

The tables contain the total volume of inspections at the selected markets from which the sample was obtained, except beans. The dry edible bean inspections report the percentage distribution of the number of inspections by grade and specified classes. The information included is a tabulation of 1,076 submitted sample inspections and 1,479 lot inspections.

The emphasis in this publication is placed on providing as much information as possible on frequency distributions of grade factors and grades for each kind of grain and each class of wheat. Therefore, the results have been summarized by States and for the country as a whole.

A considerable portion of the grain produced is consumed on farms where grown. Some of the grain sold off farms reaches its ultimate destination without being officially inspected. Additionally, some of the grain which is inspected moves across State lines before arriving at the point of inspection. Hence, use of the data presented in this publication should recognize these limitations on the quality of grain reported.

Data on wheat crop quality by counties were compiled in Colorado, Kansas, Nebraska, North Dakota, Oklahoma, and South Dakota, under cooperative projects financed jointly by the Matching Fund Program, Consumer and Marketing Service and the respective State Departments of Agriculture. Technical guidance and coordination of the work in these States was provided by the Grain Division, Consumer and Marketing Service. Additionally, data on wheat crop quality by counties were compiled in Idaho, Oregon, and Washington by the Market News Office of the Grain Division, located in Portland, Oregon.

BARLEY
INSPECTED RECEIPTS, DESIGNATED STATES,
2 MONTHS FOLLOWING HARVEST, 1968 CROP
ALL INSPECTIONS

STATES	GRADE					SPECIAL GRADES				
	NO. 1 NUMBER	NO. 2 NUMBER	NO. 3 NUMBER	NO. 4 NUMBER	NO. 5 NUMBER	SAMPLE GRADE NUMBER	TOTAL NUMBER	TOUGH NUMBER	TWO ROWED NUMBER	WEEV- ILY NUMBER
COLORADO	30	0	0	0	0	0	30	0	0	29
MINNESOTA	722	137	144	35	11	60	1107	30	3	44
MONTANA	572	170	29	5	0	0	774	0	0	750
NORTH DAKOTA	231	47	56	8	2	6	348	6	0	27
SOUTH DAKOTA	12	2	2	0	0	0	15	0	0	0
WISCONSIN	210	279	186	90	74	78	917	114	6	23
ALL STATES	1776	633	416	137	86	144	3191	150	9	872
% 1968 CROP YEAR	55.7	19.8	13.0	4.3	2.7	4.5	100.0	4.7	0.3	27.3
% 1967 CROP YEAR	69.6	11.3	7.4	3.6	2.3	5.9	100.0	3.3	0.5	24.2
% 1966 CROP YEAR	39.9	18.3	18.9	12.6	4.9	5.4	100.0	6.8	18.5	0.7

MALTING BARLEY
INSPECTED RECEIPTS, DESIGNATED STATES,
2 MONTHS FOLLOWING HARVEST, 1968 CROP
ALL INSPECTIONS

STATES	GRADE			SPECIAL GRADES AND SUBCLASSES						
	NO. 1 NUMBER	NO. 2 NUMBER	NO. 3 NUMBER	TOTAL NUMBER	TOUGH NUMBER	CHOICE MALTING NUMBER	MALTING NUMBER	2 ROWED MALTING NUMBER	BLUE MALTING NUMBER	
COLORADO	81	0	0	81	0	27	3	51	0	
MINNESOTA	843	1824	1128	3795	33	15	3513	90	177	
MONTANA	579	54	0	633	0	177	0	456	0	
NORTH DAKOTA	765	1815	1164	3744	18	12	3525	69	138	
SOUTH DAKOTA	63	162	57	282	0	0	282	0	0	
WISCONSIN	348	504	423	1275	24	126	987	162	0	
ALL STATES	2679	4359	2772	9810	75	357	8310	828	315	
% 1968 CROP YEAR	27.3	44.4	28.3	100.0	0.8	3.6	84.7	8.4	3.2	
% 1967 CROP YEAR	22.8	45.2	32.0	100.0	1.4	1.7	88.1	7.4	2.8	
% 1966 CROP YEAR	13.5	58.1	28.4	100.0	1.1	2.0	9.4	5.4	1.2	

SEE FOOTNOTE PAGE 6.

WESTERN BARLEY
INSPECTED RECEIPTS, DESIGNATED STATES,
2 MONTHS FOLLOWING HARVEST, 1968 CROP
ALL INSPECTIONS

STATES	GRADE					SPECIAL GRADES AND SUBCLASSES								
	NO. 1 NUMBER	NO. 2 NUMBER	NO. 3 NUMBER	NO. 4 NUMBER	NO. 5 NUMBER	SAMPLE GRADE NUMBER	TOTAL NUMBER	TOUGH NUMBER	TWO ROWED NUMBER	WEEV- ILY NUMBER	BRIGHT NUMBER	WEST. BARLEY NUMBER	CHOICE NUMBER	MALT- ING NUMBER
CALIFORNIA	3363	855	198	57	21	162	4656	42	15	45	0	4629	6	6
IDAHO	1287	291	84	27	21	0	1710	6	687	3	0	777	39	207
OREGON	876	387	141	51	30	150	1635	75	750	3	3	756	21	108
UTAH	600	627	117	66	24	45	1479	186	759	3	0	657	30	33
WASHINGTON	3105	522	135	51	48	30	3891	36	1191	0	0	2313	99	288
ALL STATES	9231	2682	675	252	144	387	13371	345	3402	54	3	9132	195	642
% 1968 CROP YEAR	69.0	20.1	5.0	1.9	1.1	2.9	100.0	2.6	25.4	0.4	0.0	68.3	1.5	4.8
% 1967 CROP YEAR	65.2	21.7	5.5	2.7	1.4	3.5	100.0	2.0	22.9	0.0	0.0	70.6	1.8	4.8
% 1966 CROP YEAR	72.6	20.2	4.2	1.1	0.2	1.7	100.0	0.9	25.6	0.1	0.0	82.6	5.8	11.6

BARLEY THE QUALITY OF 1968 CROP WAS LOWER THAN THE 1967 CROP, BUT BETTER THAN THE 1966 CROP. THERE WAS 55.7 PERCENT OF THE 1968 CROP GRADING NO.1, 13.9 PERCENT LESS THAN THE 1967 CROP; BUT 15.8 PERCENT BETTER THAN THE 39.9 PERCENT IN 1966. THE LOW QUALITY IN 1968 WAS DUE MAINLY TO AN INCREASE IN TOTAL DAMAGE. DOCKAGE ALSO INCREASED. MOISTURE AVERAGED 0.6 PERCENT HIGHER THAN IN 1967. UNFAVORABLE WEATHER CONDITIONS DURING THE HARVEST SEASON WERE REPORTED AS PRIMARY REASONS FOR MORE DAMAGE, DOCKAGE, AND HIGHER AVERAGE MOISTURE CONTENT.

MALTING BARLEY QUALITY OF THE 1968 CROP WAS SLIGHTLY BETTER THAN IN 1967, WITH OVER 4 PERCENT MORE GRADING NO.1. THE NUMBER OF SAMPLES GRADING NO.1 IN 1968 IS DOUBLE THE NUMBER GRADING NO.1 IN 1966. A SMALLER PERCENTAGE OF THE CROP GRADED TOUGH COMPARED TO THE TWO PREVIOUS YEARS.

WESTERN BARLEY THE QUALITY OF WESTERN BARLEY WAS UP SLIGHTLY IN 1968 WITH 69.0 PERCENT GRADING NO.1 COMPARED WITH 65.2 PERCENT IN 1967. HOWEVER, THIS DOES NOT COMPARE WITH THE 72.6 PERCENT GRADING NO.1 IN 1966. IN THE PAST TWO YEARS THERE WAS OVER 4 PERCENT LESS GRADING CHOICE, AND NEARLY 7 PERCENT LESS GRADING MALTING.

BARLEY
RANGE, AVERAGE PERCENTAGE CONTENT AND TOTAL NUMBER OF RECEIPTS FOR SPECIFIC GRADE FACTORS
BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1968 CROP AND 1967 CROP AVERAGE
ALL INSPECTIONS
ALL STATES

QUALITY FACTOR	GRADE										SAMPLE GRADE		ALL GRADES	
	NO. 1		NO. 2		NO. 3		NO. 4		NO. 5		NO.	PCT.	NO.	PCT.
DOCKAGE	NO.	PCT.	NO.	PCT.	NO.	PCT.	NO.	PCT.	NO.	PCT.				
HIGH		3.5		5.5		9.5		12.5		15.5		9.5		15.5
LOW		0.0		0.0		0.0		0.0		0.0		0.0		0.0
AVERAGE	1968	1079	0.6	351	1.4	299	1.3	92	2.1	84	7.0	129	2.3	2033
	1967	1859	0.6	257	0.8	197	0.6	101	1.4	93	3.2	162	1.3	2667
TEST WEIGHT *	NO.	PCT.	NO.	PCT.	NO.	PCT.	NO.	PCT.	NO.	PCT.				
HIGH		55.2		53.2		53.2		55.2		51.7		53.2		55.2
LOW		47.2		45.2		43.2		40.2		38.7		40.7		38.7
AVERAGE	1968	1776	49.5	633	46.9	416	46.0	137	43.7	86	45.7	144	46.9	3191
	1967	3140	49.8	510	47.6	333	46.3	161	43.5	102	42.3	264	46.2	4509
MOISTURE	NO.	PCT.	NO.	PCT.	NO.	PCT.	NO.	PCT.	NO.	PCT.				
HIGH		15.8		16.0		16.0		16.0		15.2		17.8		17.8
LOW		9.1		10.0		10.4		11.4		11.7		10.9		9.1
AVERAGE	1968	1767	12.2	620	12.9	410	13.0	131	13.6	83	12.7	143	13.6	3152
	1967	3123	11.6	498	11.7	326	12.3	153	12.9	102	12.9	264	14.6	4466
HEAT DAMAGE	NO.	PCT.	NO.	PCT.	NO.	PCT.	NO.	PCT.	NO.	PCT.				
HIGH		0.2		0.3		0.5		1.0		2.5		0.4		2.5
LOW		0.2		0.2		0.3		0.1		2.0		0.4		0.1
AVERAGE	1968	2	0.2	5	0.3	5	0.4	5	0.6	3	2.2	2	0.4	20
	1967	11	0.2	9	0.2	15	0.4	8	1.0	11	2.2	11	6.8	63
TOTAL DAMAGE	NO.	PCT.	NO.	PCT.	NO.	PCT.	NO.	PCT.	NO.	PCT.				
HIGH		0.0		4.0		6.0		8.0		10.0		30.0		30.0
LOW		0.0		0.8		0.2		1.6		8.7		0.2		0.2
AVERAGE	1968	0	0.0	12	2.1	27	4.0	12	5.8	6	9.4	27	10.4	84
	1967	24	0.4	18	1.0	21	0.9	14	1.9	3	0.3	11	5.5	90
FOREIGN MATERIAL	NO.	PCT.	NO.	PCT.	NO.	PCT.	NO.	PCT.	NO.	PCT.				
HIGH		0.0		0.0		0.0		0.0		0.0		0.0		0.0
LOW		0.0		0.0		0.0		0.0		0.0		0.0		0.0
AVERAGE	1968	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0
	1967	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0
SKINNED AND BROKEN	NO.	PCT.	NO.	PCT.	NO.	PCT.	NO.	PCT.	NO.	PCT.				
HIGH		25.0		25.0		22.0		12.0		22.0		23.0		25.0
LOW		0.1		0.1		0.1		0.6		2.0		4.0		0.1
AVERAGE	1968	1460	8.1	474	8.6	176	8.9	56	5.0	6	10.0	17	10.5	2187
	1967	2322	8.1	264	4.6	81	4.2	68	4.2	5	3.3	123	4.4	2862
THIN	NO.	PCT.	NO.	PCT.	NO.	PCT.	NO.	PCT.	NO.	PCT.				
HIGH		10.0		15.0		24.8		35.0		73.0		88.0		88.0
LOW		0.3		0.7		2.0		2.0		3.2		1.8		0.3
AVERAGE	1968	1200	4.3	468	7.0	387	13.5	131	14.8	86	47.5	143	22.1	2414
	1967	2400	3.8	351	7.2	303	13.0	152	13.4	102	46.6	261	9.9	3569
SOUND	NO.	PCT.	NO.	PCT.	NO.	PCT.	NO.	PCT.	NO.	PCT.				
HIGH		99.5		99.2		99.0		99.0		96.0		98.8		99.5
LOW		97.0		94.0		90.0		80.0		72.0		69.5		69.5
AVERAGE	1968	159	98.4	227	96.9	152	95.9	48	93.5	75	84.6	75	87.0	735
	1967	201	98.5	180	96.0	116	95.4	45	90.8	71	83.6	63	89.6	675
BROKEN KERNELS	NO.	PCT.	NO.	PCT.	NO.	PCT.	NO.	PCT.	NO.	PCT.				
HIGH		0.0		8.9		0.0		0.0		0.0		0.0		8.9
LOW		0.0		5.3		0.0		0.0		0.0		0.0		5.3
AVERAGE	1968	0	0.0	21	6.7	0	0.0	0	0.0	0	0.0	0	0.0	21
	1967	3	4.3	32	7.0	2	10.8	0	0.0	0	0.0	2	4.9	38

* TEST WEIGHT IN POUNDS.

MALTING BARLEY
 RANGE, AVERAGE PERCENTAGE CONTENT AND TOTAL NUMBER OF RECEIPTS FOR SPECIFIC GRADE FACTORS
 BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1968 CROP AND 1967 CROP AVERAGE
 ALL INSPECTIONS
 ALL STATES

QUALITY FACTOR	NO. 1			GRADE			NO. 3			ALL GRADES		
	NO.	PCT.		NO.	PCT.		NO.	PCT.		NO.	PCT.	
DOCKAGE												
HIGH		2.5			6.5			6.5			6.5	
LOW		0.0			0.0			0.0			0.0	
AVERAGE	1968	1725	0.3	3879	0.4		2451	0.4		8055	0.4	
	1967	1854	0.2	4233	0.3		3177	0.4		9264	0.3	
TEST WEIGHT *												
HIGH		55.2			55.2			55.7			55.7	
LOW		47.2			45.2			43.2			43.2	
AVERAGE	1968	2679	50.3	4359	48.9		2772	48.8		9810	49.3	
	1967	2544	50.5	5088	49.7		3603	49.6		11235	49.9	
MOISTURE												
HIGH		15.5			15.8			15.3			15.8	
LOW		9.5			9.8			10.0			9.5	
AVERAGE	1968	2679	12.3	4359	12.5		2769	12.4		9807	12.4	
	1967	2574	12.0	5088	12.3		3603	12.1		11265	12.2	
HEAT DAMAGE												
HIGH		0.0			0.0			0.0			0.0	
LOW		0.0			0.0			0.0			0.0	
AVERAGE	1968	0	0.0	0	0.0		0	0.0		0	0.0	
	1967	0	0.0	0	0.0		0	0.0		0	0.0	
TOTAL DAMAGE												
HIGH		0.0			0.0			0.6			0.6	
LOW		0.0			0.0			0.6			0.6	
AVERAGE	1968	0	0.0	0	0.0		3	0.6		3	0.6	
	1967	6	0.3	27	0.4		24	0.6		57	0.5	
FOREIGN MATERIAL												
HIGH		0.0			0.0			0.0			0.0	
LOW		0.0			0.0			0.0			0.0	
AVERAGE	1968	0	0.0	0	0.0		0	0.0		0	0.0	
	1967	0	0.0	3	1.5		0	0.0		3	1.5	
SKINNED AND BROKEN												
HIGH		7.0			10.0			8.0			10.0	
LOW		0.5			0.8			1.0			0.5	
AVERAGE	1968	2115	3.3	4176	5.0		2679	6.9		8970	5.2	
	1967	2091	3.5	4977	5.1		3552	7.0		10620	5.4	
THIN												
HIGH		7.0			10.0			15.0			15.0	
LOW		0.2			0.3			0.4			0.2	
AVERAGE	1968	2094	4.0	4317	5.0		2766	5.5		9177	4.9	
	1967	2226	3.6	4986	4.2		3579	4.5		10791	4.2	
SOUND												
HIGH		99.8			99.4			99.4			99.8	
LOW		97.0			94.0			92.5			92.5	
AVERAGE	1968	99	98.7	114	98.0		111	97.6		324	98.1	
	1967	27	98.6	120	97.8		114	98.1		261	98.0	
BROKEN KERNELS												
HIGH		0.0			0.0			0.0			0.0	
LOW		0.0			0.0			0.0			0.0	
AVERAGE	1968	0	0.0	0	0.0		0	0.0		0	0.0	
	1967	0	0.0	0	0.0		0	0.0		0	0.0	

* TEST WEIGHT IN POUNDS.

WESTERN BARLEY
 RANGE, AVERAGE PERCENTAGE CONTENT AND TOTAL NUMBER OF RECEIPTS FOR SPECIFIC GRADE FACTORS
 BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1968 CROP AND 1967 CROP AVERAGE
 ALL INSPECTIONS
 ALL STATES

QUALITY FACTOR	GRADE										SAMPLE GRADE		ALL GRADES	
	NO. 1		NO. 2		NO. 3		NO. 4		NO. 5		NO.	PCT.	NO.	PCT.
DOCKAGE	NO.	PCT.	NO.	PCT.	NO.	PCT.	NO.	PCT.	NO.	PCT.				
HIGH		22.5		14.5		13.5		15.5		8.5		23.5		23.5
LOW		1.5		1.5		1.5		1.5		1.5		1.5		1.5
AVERAGE	1968	2061	1032	2.2	381	3.0	132	3.0	69	2.8	255	3.8	3930	2.2
	1967	1728	1137	1.7	387	2.3	183	2.6	93	2.4	360	3.9	3888	1.9
TEST WEIGHT *	NO.	PCT.	NO.	PCT.	NO.	PCT.	NO.	PCT.	NO.	PCT.				
HIGH		59.5		56.5		55.5		53.5		56.5		52.5		59.5
LOW		35.5		37.5		36.5		39.5		35.5		35.5		35.5
AVERAGE	1968	9225	2670	48.1	675	47.0	252	46.4	144	46.2	384	44.8	13350	47.9
	1967	8814	2925	47.7	750	47.0	366	47.6	186	47.6	468	44.1	13509	47.4
MOISTURE	NO.	PCT.	NO.	PCT.	NO.	PCT.	NO.	PCT.	NO.	PCT.				
HIGH		15.0		15.0		14.8		13.4		14.3		19.8		19.8
LOW		7.9		8.4		9.1		10.6		10.5		9.7		7.9
AVERAGE	1968	1968	1017	12.0	267	12.2	105	12.1	48	12.2	261	13.4	3666	11.8
	1967	2382	948	11.1	201	11.0	123	11.0	63	11.1	237	13.3	3954	11.0
HEAT DAMAGE	NO.	PCT.	NO.	PCT.	NO.	PCT.	NO.	PCT.	NO.	PCT.				
HIGH		0.0		0.2		0.0		0.0		0.0		3.0		3.0
LOW		0.0		0.2		0.0		0.0		0.0		1.2		0.2
AVERAGE	1968	0	3	0.2	0	0.0	0	0.0	0	0.0	6	2.1	9	1.5
	1967	0	3	0.2	3	0.3	0	0.0	0	0.0	3	3.0	9	1.2
WILD OATS	NO.	PCT.	NO.	PCT.	NO.	PCT.	NO.	PCT.	NO.	PCT.				
HIGH		1.0		2.0		3.0		5.0		8.5		22.0		22.0
LOW		0.7		0.4		1.2		3.3		5.0		11.0		0.4
AVERAGE	1968	21	285	1.6	96	2.6	69	3.9	18	6.9	18	15.8	507	2.8
	1967	21	426	1.5	168	2.6	102	3.9	60	6.8	6	11.7	783	2.5
FOREIGN MATERIAL	NO.	PCT.	NO.	PCT.	NO.	PCT.	NO.	PCT.	NO.	PCT.				
HIGH		0.5		1.0		2.0		3.0		4.0		8.0		8.0
LOW		0.2		0.6		0.2		0.2		1.0		4.5		0.2
AVERAGE	1968	6	645	0.8	207	1.5	42	2.4	27	3.4	21	5.9	948	1.2
	1967	6	501	0.8	210	1.5	78	2.6	30	2.9	63	7.3	888	1.7
SKINNED AND BROKEN	NO.	PCT.	NO.	PCT.	NO.	PCT.	NO.	PCT.	NO.	PCT.				
HIGH		20.0		38.0		33.0		23.0		10.0		8.8		38.0
LOW		0.7		1.0		1.4		1.0		1.5		3.0		0.7
AVERAGE	1968	3219	675	6.6	123	8.5	33	7.5	18	5.1	30	4.4	4098	4.6
	1967	2580	771	6.1	129	4.2	66	5.5	15	9.7	33	10.2	3594	4.9
THIN	NO.	PCT.	NO.	PCT.	NO.	PCT.	NO.	PCT.	NO.	PCT.				
HIGH		72.5		70.6		42.0		36.0		28.0		46.0		72.5
LOW		0.6		1.0		5.0		4.1		3.1		2.6		0.6
AVERAGE	1968	2547	543	13.5	90	16.1	21	19.6	18	18.9	27	20.2	3246	13.3
	1967	2223	684	11.2	93	17.6	33	24.5	27	24.6	42	29.5	3102	13.6
SOUND	NO.	PCT.	NO.	PCT.	NO.	PCT.	NO.	PCT.	NO.	PCT.				
HIGH		99.0		98.0		99.0		92.5		87.6		97.0		99.0
LOW		98.0		96.0		93.0		88.0		80.0		65.0		65.0
AVERAGE	1968	195	744	96.9	261	94.5	126	90.4	87	83.6	96	82.0	1509	94.4
	1967	168	864	96.9	270	94.4	183	90.3	102	84.2	42	81.7	1629	94.7
BROKEN KERNELS	NO.	PCT.	NO.	PCT.	NO.	PCT.	NO.	PCT.	NO.	PCT.				
HIGH		3.0		6.0		10.0		14.4		20.0		8.8		20.0
LOW		1.0		1.0		1.0		1.0		5.5		1.4		1.0
AVERAGE	1968	480	1131	4.0	186	6.4	51	6.1	18	15.7	15	3.6	1881	4.0
	1967	483	1038	4.0	147	6.3	30	6.4	15	9.4	6	2.2	1719	3.8

* TEST WEIGHT IN POUNDS.

CORN
INSPECTED RECEIPTS, DESIGNATED STATES,
2 MONTHS FOLLOWING HARVEST, 1968 CROP
ALL INSPECTIONS

STATES	GRADE						SPECIAL GRADES AND CLASSES				
	NO. 1 NUMBER	NO. 2 NUMBER	NO. 3 NUMBER	NO. 4 NUMBER	NO. 5 NUMBER	SAMPLE GRADE NUMBER	TOTAL NUMBER	WEEV- ILY NUMBER	YELLOW NUMBER	WHITE NUMBER	MIXED NUMBER
ALABAMA	0	264	276	216	60	72	888	24	672	192	24
ILLINOIS	564	4704	5652	6840	1152	324	19236	12	19236	0	0
INDIANA	60	588	372	420	264	156	1860	0	1860	0	0
IOWA	228	3948	3240	2400	912	204	10932	0	10932	0	0
KANSAS	0	852	1872	636	36	84	3480	24	3276	180	24
MARYLAND	36	132	84	84	60	60	456	12	456	0	0
MINNESOTA	180	5580	8460	1932	1320	960	18432	132	18432	0	0
MISSOURI	48	1428	3192	1284	156	192	6300	12	5556	744	0
NEBRASKA	108	612	1200	696	108	60	2784	0	2664	120	0
NEW YORK	36	792	552	84	60	72	1596	12	1596	0	0
OHIO	132	1680	948	1032	1368	636	5796	12	5784	0	12
PENNSYLVANIA	12	828	828	384	240	372	2664	0	2664	0	0
SOUTH CAROLINA	192	684	504	144	60	36	1620	456	1524	96	0
TENNESSEE	12	360	276	36	24	24	732	12	696	36	0
VIRGINIA	12	300	1152	1152	624	60	3300	0	3300	0	0
WISCONSIN	12	432	264	132	60	72	972	12	972	0	0
ALL STATES	1632	23184	28872	17472	6504	3384	81048	720	79620	1368	60
% 1968 CROP YEAR	2.0	28.6	35.6	21.6	8.0	4.2	100.0	0.9	98.2	1.7	0.1
% 1967 CROP YEAR	1.6	15.3	30.2	22.1	20.2	10.5	100.0	1.3	98.1	1.7	0.1
% 1966 CROP YEAR	1.4	15.7	27.4	22.1	23.6	9.8	100.0	0.6	98.2	2.4	0.1

CORN CORN QUALITY SHOWED MARKED IMPROVEMENT COMPARED TO THE TWO PREVIOUS YEARS. IN 1968 ABOUT 66 PERCENT GRADED NO.3 OR BETTER--WELL ABOVE THE 47 PERCENT IN 1967 AND 44 PERCENT IN 1966. TEST WEIGHT AVERAGED 1.5 POUNDS MORE ON THE 1968 CROP THAN ON THE 1967 CROP. MOISTURE WAS 1.1 PERCENT LESS THAN THE 1967 CROP.

CORN
RANGE, AVERAGE PERCENTAGE CONTENT AND TOTAL NUMBER OF RECEIPTS FOR SPECIFIC GRADE FACTORS
BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1968 CROP AND 1967 CROP AVERAGE
ALL INSPECTIONS
ALL STATES

QUALITY FACTOR	TEST WEIGHT *	GRADE										SAMPLE GRADE		ALL GRADES	
		NO. 1		NO. 2		NO. 3		NO. 4		NO. 5		NO.		NO.	
		NO.	PCT.	NO.	PCT.	NO.	PCT.	NO.	PCT.	NO.	PCT.	NO.	PCT.	NO.	PCT.
HIGH	AVERAGE	1632	60.7	23184	60.2	28872	60.2	17448	59.2	6492	59.2	3384	58.7	81012	60.7
		1668	56.2	15540	54.2	30648	52.2	22416	50.2	20460	46.7	10608	48.2	101340	46.7
LOW	AVERAGE	1632	57.3	23184	55.9	28872	55.5	17448	55.4	6492	54.4	3384	53.6	81012	55.5
		1668	57.6	15540	55.5	30648	54.4	22416	54.0	20460	53.3	10608	51.7	101340	54.0
MOISTURE	AVERAGE	1632	14.0	23184	15.5	28872	17.5	17448	20.0	6492	23.0	3384	32.5	81012	32.5
		1668	9.2	15540	10.7	30648	10.0	22416	9.0	20460	8.7	10608	11.5	101340	8.7
HEAT DAMAGE	AVERAGE	1632	13.2	23184	14.7	28860	16.0	17460	17.9	6504	19.2	3384	19.3	81024	16.4
		1668	12.9	15552	14.6	30648	15.8	22416	17.4	20460	19.8	10596	22.9	101340	17.5
TOTAL DAMAGE	AVERAGE	0	0.0	72	0.2	120	0.5	72	1.0	36	1.9	216	17.9	516	17.9
		0	0.0	12	0.1	156	0.1	240	0.5	132	0.5	240	3.4	780	1.2
BRKN CORN AND FOR. MAT.	AVERAGE	1452	3.0	20064	5.0	24768	7.0	11820	10.0	3672	15.0	2688	73.2	64464	73.2
		1440	0.4	13644	0.0	26496	0.3	17604	0.1	14448	0.2	7152	0.4	80784	0.0
AVERAGE	AVERAGE	1272	1.5	20772	1.9	24324	1.9	9456	2.2	3888	3.6	2772	14.2	62484	2.5
		1260	1.7	13572	2.0	26544	1.9	17748	2.1	13020	1.9	7932	4.2	80076	2.2
AVERAGE	AVERAGE	1272	2.0	20772	3.0	24324	4.0	9456	5.0	3888	7.0	2772	17.0	62484	17.0
		1260	0.2	13572	0.1	26544	0.3	17748	0.3	13020	0.1	7932	0.5	80076	0.1
AVERAGE	AVERAGE	1272	1.4	20772	2.1	24324	2.5	9456	2.6	3888	3.6	2772	4.0	62484	2.5
		1260	1.3	13572	2.1	26544	2.7	17748	3.0	13020	3.5	7932	4.1	80076	2.9

* TEST WEIGHT IN POUNDS.

CORN TEST WEIGHT
FREQUENCY DISTRIBUTION OF INSPECTED RECEIPTS,
BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1968 CROP
ALL INSPECTIONS
ALL STATES

POUNDS	GRADE					SAMPLE GRADE NUMBER	ALL GRADES NUMBER
	NO. 1 NUMBER	NO. 2 NUMBER	NO. 3 NUMBER	NO. 4 NUMBER	NO. 5 NUMBER		
60.0 AND OVER	48	72	48	0	0	0	168
59.0 - 59.9	96	312	264	48	12	0	732
58.0 - 58.9	216	744	828	228	60	24	2100
57.0 - 57.9	528	2748	3360	1260	156	108	8160
56.0 - 56.9	744	6372	7560	4740	708	360	20484
55.0 - 55.9	0	7680	7080	5856	1260	444	22320
54.0 - 54.9	0	5256	4956	3432	1968	576	16188
53.0 - 53.9	0	0	3588	1116	1392	552	6648
52.0 - 52.9	0	0	1188	276	720	564	2748
51.0 - 51.9	0	0	0	336	168	456	960
50.0 - 50.9	0	0	0	156	24	132	312
49.0 - 49.9	0	0	0	0	12	72	84
48.0 - 48.9	0	0	0	0	0	96	96
47.0 - 47.9	0	0	0	0	0	0	0
46.0 - 46.9	0	0	0	0	12	0	12
45.9 AND UNDER	0	0	0	0	0	0	0
NO INFORMATION	0	0	0	24	12	0	36
MEAN 1968	57.3	55.9	55.5	55.4	54.4	53.6	55.5
MEAN 1967	57.6	55.5	54.4	54.0	53.3	51.7	54.0

CORN MOISTURE
PERCENTAGE CONTENT FREQUENCY DISTRIBUTION OF INSPECTED RECEIPTS,
BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1968 CROP
ALL INSPECTIONS
ALL STATES

PERCENT	GRADE					SAMPLE GRADE NUMBER	ALL GRADES NUMBER
	NO. 1 NUMBER	NO. 2 NUMBER	NO. 3 NUMBER	NO. 4 NUMBER	NO. 5 NUMBER		
0.0 - 10.0	36	0	12	12	12	0	72
10.1 - 12.0	168	252	96	60	36	24	636
12.1 - 13.0	240	660	480	312	156	192	2040
13.1 - 13.5	444	780	564	276	120	204	2388
13.6 - 14.0	744	2460	1092	564	276	336	5472
14.1 - 14.5	0	4380	1500	528	408	300	7116
14.6 - 15.0	0	6564	2112	708	312	288	9984
15.1 - 15.5	0	8088	2376	564	288	84	11400
15.6 - 16.5	0	0	11604	552	312	168	12636
16.6 - 17.5	0	0	9024	192	60	120	9396
17.6 - 18.5	0	0	0	5892	48	48	5988
18.6 - 20.0	0	0	0	7800	36	144	7980
20.1 - 23.0	0	0	0	0	4440	96	4536
23.1 - 25.0	0	0	0	0	0	912	912
25.1 - 27.5	0	0	0	0	0	324	324
27.6 - 30.0	0	0	0	0	0	108	108
30.1 - 32.5	0	0	0	0	0	36	36
32.6 - 35.0	0	0	0	0	0	0	0
35.1 - 40.0	0	0	0	0	0	0	0
40.1 AND OVER	0	0	0	0	0	0	0
NO INFORMATION	0	0	12	12	0	0	24
MEAN 1968	13.2	14.7	16.0	17.9	19.2	19.3	16.4
MEAN 1967	12.9	14.6	15.8	17.4	19.8	22.9	17.5
MEAN 1966	13.2	14.5	15.9	18.0	20.8	22.0	17.8

CORN TOTAL DAMAGE
PERCENTAGE CONTENT FREQUENCY DISTRIBUTION OF INSPECTED RECEIPTS,
BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1968 CROP
ALL INSPECTIONS
ALL STATES

PERCENT	GRADE					SAMPLE GRADE NUMBER	ALL GRADES NUMBER
	NO. 1 NUMBER	NO. 2 NUMBER	NO. 3 NUMBER	NO. 4 NUMBER	NO. 5 NUMBER		
0.0	0	12	0	0	0	0	12
0.1 - 1.0	576	6600	8712	4740	1428	648	22704
1.1 - 2.0	684	7752	9240	4152	864	312	23004
2.1 - 2.5	36	1392	1296	372	180	120	3396
2.6 - 3.0	156	1668	2232	852	204	84	5196
3.1 - 3.5	0	684	468	156	48	24	1380
3.6 - 4.0	0	852	840	204	132	60	2088
4.1 - 5.0	0	1104	852	240	72	108	2376
5.1 - 6.0	0	0	552	72	48	24	696
6.1 - 7.0	0	0	576	144	84	60	864
7.1 - 8.0	0	0	0	252	12	72	336
8.1 - 10.0	0	0	0	636	48	60	744
10.1 - 12.0	0	0	0	0	252	48	300
12.1 - 15.0	0	0	0	0	300	24	324
15.1 - 18.0	0	0	0	0	0	288	288
18.1 AND OVER	0	0	0	0	0	756	756
NO INFORMATION	180	3120	4104	5652	2832	696	16584
MEAN 1968	1.5	1.9	1.9	2.2	3.6	14.2	2.5
MEAN 1967	1.7	2.0	1.9	2.1	1.9	4.2	2.2
MEAN 1966	1.9	2.2	1.8	2.2	2.0	5.5	2.4

BROKEN CORN AND FOREIGN MATERIAL
 PERCENTAGE CONTENT FREQUENCY DISTRIBUTION OF INSPECTED RECEIPTS,
 BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1968 CROP
 ALL INSPECTIONS
 ALL STATES

PERCENT	GRADE					SAMPLE GRADE NUMBER	ALL GRADES NUMBER
	NO. 1 NUMBER	NO. 2 NUMBER	NO. 3 NUMBER	NO. 4 NUMBER	NO. 5 NUMBER		
0.0	0	0	0	0	0	0	0
0.1 - 1.0	396	1968	2184	1692	588	372	7200
1.1 - 1.5	288	2688	3396	1428	384	300	8484
1.6 - 2.0	588	5904	4896	1644	540	468	14040
2.1 - 2.5	0	4464	2856	792	276	192	8580
2.6 - 3.0	0	5748	3588	828	324	336	10824
3.1 - 3.5	0	0	2988	276	48	12	3324
3.6 - 4.0	0	0	4416	228	60	204	4908
4.1 - 4.5	0	0	0	1152	48	60	1260
4.6 - 5.0	0	0	0	1416	48	72	1536
5.1 - 6.0	0	0	0	0	1104	60	1164
6.1 - 7.0	0	0	0	0	468	48	516
7.1 - 8.0	0	0	0	0	0	288	288
8.1 - 10.0	0	0	0	0	0	192	192
10.1 AND OVER	0	0	0	0	0	168	168
NO INFORMATION	360	2412	4548	8016	2616	612	18564
MEAN 1968	1.4	2.1	2.5	2.6	3.6	4.0	2.5
MEAN 1967	1.3	2.1	2.7	3.0	3.5	4.1	2.9
MEAN 1966	1.4	2.0	2.4	2.5	2.3	2.5	2.4

FLAXSEED
INSPECTED RECEIPTS, DESIGNATED STATES,
2 MONTHS FOLLOWING HARVEST, 1968 CROP
ALL INSPECTIONS

STATES	GRADE			TOTAL NUMBER
	NO. 1 NUMBER	NO. 2 NUMBER	SAMPLE GRADE NUMBER	
MINNESOTA	5694	102	124	5920
NORTH DAKOTA	160	0	16	176
SOUTH DAKOTA	52	0	0	52
TEXAS	72	10	16	98
WISCONSIN	820	26	38	884
ALL STATES	6798	138	194	7130
% 1968 CROP YEAR	95.3	1.9	2.7	100.0
% 1967 CROP YEAR	97.1	1.6	1.3	100.0
% 1966 CROP YEAR	67.7	16.6	15.7	100.0

FLAXSEED
RANGE, AVERAGE PERCENTAGE CONTENT AND TOTAL NUMBER OF RECEIPTS FOR SPECIFIC GRADE FACTORS
BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1968 CROP AND 1967 CROP AVERAGE
ALL INSPECTIONS
ALL STATES

QUALITY FACTOR	GRADE			ALL GRADES		
	NO. 1 NO. PCT.	NO. 2 NO. PCT.	SAMPLE GRADE NO. PCT.	NO.	PCT.	
DOCKAGE						
HIGH	26.0	31.0	32.0		32.0	
LOW	0.0	3.0	1.0		0.0	
AVERAGE	6794 6.5	138 9.8	194 8.6	7126	6.6	
	6314 6.1	104 7.8	84 7.7	6502	6.2	
TEST WEIGHT *						
HIGH	53.2	49.7	53.2		53.2	
LOW	49.2	47.2	43.2		43.2	
AVERAGE	6798 50.9	138 48.3	194 49.8	7130	50.8	
	6318 50.6	104 48.3	84 48.5	6506	50.5	
MOISTURE						
HIGH	9.5	9.5	11.9		11.9	
LOW	5.3	5.9	5.7		5.3	
AVERAGE	6798 7.9	138 8.2	194 9.8	7130	8.0	
	6318 7.3	104 8.1	84 9.4	6506	7.3	
HEAT DAMAGE						
HIGH	0.2	0.5	0.2		0.5	
LOW	0.1	0.5	0.2		0.1	
AVERAGE	8 0.1	2 0.5	2 0.2	12	0.2	
	0 0.0	4 0.3	14 4.0	18	3.2	
TOTAL DAMAGE						
HIGH	0.0	0.0	0.0		0.0	
LOW	0.0	0.0	0.0		0.0	
AVERAGE	0 0.0	0 0.0	0 0.0	0	0.0	
	4 0.6	0 0.0	2 4.0	6	1.8	

* TEST WEIGHT IN POUNDS.

FLAXSEED MOISTURE
PERCENTAGE CONTENT FREQUENCY DISTRIBUTION OF INSPECTED RECEIPTS,
BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1968 CROP
ALL INSPECTIONS
ALL STATES

PERCENT	GRADE		SAMPLE GRADE NUMBER	ALL GRADES NUMBER
	NO. 1 NUMBER	NO. 2 NUMBER		
6.9 AND UNDER	620	10	4	634
7.0 - 7.4	1196	22	2	1220
7.5 - 7.9	1694	14	2	1710
8.0 - 8.5	1882	36	4	1922
8.6 - 9.0	920	34	12	966
9.1 - 9.5	486	22	4	512
9.6 - 10.0	0	0	112	112
10.1 - 10.5	0	0	34	34
10.6 - 11.0	0	0	16	16
11.1 - 11.5	0	0	2	2
11.6 - 12.0	0	0	2	2
12.1 - 13.0	0	0	0	0
13.1 AND OVER	0	0	0	0
NO INFORMATION	0	0	0	0
MEAN 1968	7.9	8.2	9.8	8.0
MEAN 1967	7.3	8.1	9.4	7.3
MEAN 1966	8.1	8.2	8.9	8.2

FLAXSEED FLAXSEED QUALITY HAS BEEN VERY HIGH THE PAST TWO YEARS, MUCH ABOVE THAT IN 1966. WITH 95.3 PERCENT GRADING NO.1 IN 1968 AND 97.1 PERCENT IN 1967, THE PERCENTAGE IN THE TOP GRADE IS NEARLY 30 PERCENT OVER THE 1966 CROP.

GRAIN SORGHUM
INSPECTED RECEIPTS, DESIGNATED STATES,
2 MONTHS FOLLOWING HARVEST, 1968 CROP
ALL INSPECTIONS

STATES	GRADE					SPECIAL GRADES AND CLASSES				
	NO. 1 NUMBER	NO. 2 NUMBER	NO. 3 NUMBER	NO. 4 NUMBER	SAMPLE GRADE NUMBER	TOTAL NUMBER	WEEV- ILY NUMBER	YELLOW NUMBER	WHITE NUMBER	OTHER NUMBER
CALIFORNIA	208	1176	224	480	320	2408	8	2408	0	0
COLORADO	176	888	520	224	8	1816	8	1816	0	0
KANSAS	32	1440	2288	1528	104	5392	16	5376	0	16
MISSOURI	8	704	744	472	40	1968	0	1952	0	16
NEBRASKA	48	2352	2128	1432	128	6088	24	6072	0	16
OKLAHOMA	0	0	24	16	0	40	0	40	0	0
TEXAS	848	14168	11848	6112	2016	34992	464	33616	1248	128
ALL STATES	1320	20728	17776	10264	2616	52704	520	51280	1248	176
% 1968 CROP YEAR	2.5	39.3	33.7	19.5	5.0	100.0	1.0	97.3	2.4	0.3
% 1967 CROP YEAR	5.1	43.2	25.2	20.2	6.3	100.0	0.8	99.9	0.0	0.1
% 1966 CROP YEAR	3.7	57.1	23.5	13.0	2.7	100.0	1.0	96.6	3.4	0.0

GRAIN SORGHUM. QUALITY OF GRAIN SORGHUM HAS DECREASED OVER THE LAST THREE YEARS. THE 1968 CROP HAD 6.5 PERCENT LESS GRADING NO.2 OR BETTER, COMPARED TO 1967, AND 19 PERCENT LESS THAN 1966. ANOTHER INTERESTING FACT IS THE SPECIAL CLASS "WHITE", WITH 2.4 PERCENT OF 1968 CROP, COMPARED TO LESS THAN 1/10 OF 1 PERCENT IN 1967 AND 3.4 PERCENT IN 1966.

GRAIN SORGHUM
 RANGE, AVERAGE PERCENTAGE CONTENT AND TOTAL NUMBER OF RECEIPTS FOR SPECIFIC GRADE FACTORS
 BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1968 CROP AND 1967 CROP AVERAGE
 ALL INSPECTIONS
 ALL STATES

QUALITY FACTOR	GRADE								ALL GRADES	
	NO. 1		NO. 2		NO. 3		NO. 4		SAMPLE GRADE	
	NO.	PCT.	NO.	PCT.	NO.	PCT.	NO.	PCT.	NO.	PCT.
DOCKAGE										
HIGH		0.0		2.1		1.0		8.0		2.0
LOW		0.0		0.0		0.0		0.0		0.0
AVERAGE	1968									
	1967	0	248	0.3	184	0.1	192	0.3	32	1.0
		24	464	0.1	560	0.1	976	0.1	224	0.3
TEST WEIGHT *										
HIGH		60.7		61.2		60.7		60.7		60.2
LOW		57.2		55.2		53.2		51.2		42.2
AVERAGE	1968	1320	20720	57.4	17776	56.6	10264	56.4	2616	54.0
	1967	3064	25920	58.1	15104	57.7	12136	56.1	3760	53.6
MOISTURE										
HIGH		13.0		14.0		15.0		18.0		26.0
LOW		9.9		10.0		9.4		10.9		10.3
AVERAGE	1968	1320	20728	13.4	17776	14.3	10264	15.6	2616	15.4
	1967	3064	25920	13.5	15112	14.5	12136	16.2	3760	17.9
HEAT DAMAGE										
HIGH		0.0		0.0		0.0		0.0		6.0
LOW		0.0		0.0		0.0		0.0		0.3
AVERAGE	1968	0	0	0.0	0	0.0	0	0.0	48	1.4
	1967	0	0	0.0	0	0.0	0	0.0	0	0.0
TOTAL DAMAGE										
HIGH		2.0		5.0		10.0		15.0		48.0
LOW		1.0		1.0		1.0		1.0		1.0
AVERAGE	1968	120	4752	3.7	4328	5.6	1624	7.5	1352	16.0
	1967	8	1080	2.8	176	4.6	80	5.4	496	11.3
BRKN KER. FM & OTH. GR.										
HIGH		4.0		8.0		12.0		14.6		19.0
LOW		0.4		0.2		1.0		1.0		1.1
AVERAGE	1968	1200	20568	4.3	17592	4.3	9792	4.1	2296	4.8
	1967	2992	25416	3.5	14464	3.3	11288	3.6	2984	4.0

* TEST WEIGHT IN POUNDS.

OATS
INSPECTED RECEIPTS, DESIGNATED STATES,
2 MONTHS FOLLOWING HARVEST, 1968 CROP
ALL INSPECTIONS

STATES	GRADE						SPECIAL GRADES AND CLASSES								
	NO. 1 HEAVY NUMBER	NO. 1 NUMBER	NO. 2 HEAVY NUMBER	NO. 2 NUMBER	NO. 3 HEAVY NUMBER	NO. 3 NUMBER	NO. 4 HEAVY NUMBER	NO. 4 NUMBER	SAMPLE GRADE NUMBER	TOTAL NUMBER	TOUGH NUMBER	WEEV- ILY NUMBER	THIN NUMBER	WHITE NUMBER	OTHER NUMBER
ILLINOIS	15	0	0	0	0	0	0	0	0	15	0	0	0	15	0
IOWA	1392	66	498	147	102	33	39	3	18	2298	69	18	0	2295	3
MINNESOTA	3483	381	2205	303	561	99	126	36	99	7293	396	66	0	7287	6
MISSOURI	639	3	66	3	18	0	6	0	3	738	9	3	0	738	0
NORTH DAKOTA	219	3	81	0	18	0	0	0	0	321	24	0	0	321	0
OHIO	171	0	24	0	36	0	9	0	3	243	36	0	0	228	15
SOUTH DAKOTA	18	0	9	0	9	6	9	0	0	51	0	3	0	51	0
WISCONSIN	795	21	468	9	210	9	63	0	24	1599	204	9	0	1599	0
ALL STATES	6732	474	3351	462	954	147	252	39	147	12558	738	99	0	12534	24
% 1968 CROP YEAR	53.6	3.8	26.7	3.7	7.6	1.2	2.0	0.3	1.2	100.0	5.9	0.8	0.0	99.8	0.2
% 1967 CROP YEAR	50.0	1.9	32.9	1.4	9.0	0.6	2.1	0.2	1.9	100.0	1.7	1.2	0.2	99.8	0.2
% 1966 CROP YEAR	30.3	7.0	22.5	8.1	13.0	4.8	5.7	2.5	6.1	100.0	2.5	2.0	0.2	100.0	0.0

OATS OATS GRADING NO.1 INCREASED TO 57 PERCENT IN 1968 FROM 52 PERCENT IN 1967 AND 37 PERCENT IN 1966. THERE WAS ALSO MORE NO.1 HEAVY OATS THAN THE TWO YEARS EARLIER. HEAVY OATS IN ALL GRADES HAS NOT CHANGED MUCH IN THE PAST TWO YEARS---89.9 AND 94.0---BUT THE 1968 CROP WAS MUCH BETTER THAN THE 1966 CROP WITH ONLY 71.5 PERCENT.

OATS
RANGE, AVERAGE PERCENTAGE CONTENT AND TOTAL NUMBER OF RECEIPTS FOR SPECIFIC GRADE FACTORS
BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1968 CROP AND 1967 CROP AVERAGE
ALL INSPECTIONS
ALL STATES

QUALITY FACTOR	TEST WEIGHT *	GRADE										SAMPLE GRADE		ALL GRADES	
		NO. 1 HEAVY	NO. 1 PCT.	NO. 2 HEAVY	NO. 2 PCT.	NO. 3 HEAVY	NO. 3 PCT.	NO. 4 HEAVY	NO. 4 PCT.	NO. 4	NO. PCT.	NO.	PCT.	NO.	PCT.
TEST WEIGHT *	HIGH	44.7	35.7	43.2	35.7	43.2	35.7	42.7	35.7	35.7	35.7	42.7	42.7	44.7	44.7
	LOW	36.2	34.2	36.2	32.2	36.2	30.2	36.2	29.7	29.7	29.7	28.7	28.7	28.7	28.7
	AVERAGE	6732 38.4	474 35.2	3351 38.7	462 34.5	954 38.6	147 34.2	252 39.0	39 34.4	39 34.4	39 34.4	147 37.0	147 37.0	12558 38.2	12558 38.2
MOISTURE	HIGH	6621 38.6	246 34.9	4359 38.7	183 34.4	1188 38.5	81 33.5	279 38.5	21 33.5	21 33.5	21 33.5	258 36.2	258 36.2	13236 38.4	13236 38.4
	LOW	16.0	15.4	15.8	15.8	15.7	16.0	15.2	15.8	15.8	15.8	18.8	18.8	18.8	18.8
	AVERAGE	6732 12.5	474 12.8	3351 12.1	462 12.6	954 12.4	147 12.9	252 12.5	39 13.1	39 13.1	39 13.1	144 13.7	144 13.7	12555 12.4	12555 12.4
HEAT DAMAGE	HIGH	6618 11.5	246 12.0	4359 11.2	183 12.2	1185 11.4	81 12.7	279 11.4	21 12.4	21 12.4	21 12.4	228 13.0	228 13.0	13200 11.4	13200 11.4
	LOW	0.0	0.0	0.3	0.0	2.3	0.0	3.0	1.5	1.5	1.5	2.4	2.4	3.0	3.0
	AVERAGE	0.0	0.0	0.2	0.0	0.4	0.0	2.5	1.4	1.4	1.4	0.4	0.4	0.2	0.2
WILD OATS	HIGH	0.0	0.0	0.0	0.0	0.0	0.0	7.0	0.0	0.0	0.0	13.0	13.0	13.0	13.0
	LOW	0.0	0.0	0.0	0.0	0.0	0.0	7.0	0.0	0.0	0.0	13.0	13.0	7.0	7.0
	AVERAGE	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	3.0	3.0	6.0	6.0
FOREIGN MATERIAL	HIGH	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	3.0	3.0	2.0	2.0
	LOW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	AVERAGE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SOUND	HIGH	2.0	2.0	3.0	3.0	4.0	4.0	5.0	4.6	4.6	4.6	24.6	24.6	24.6	24.6
	LOW	0.1	0.2	0.1	0.3	0.2	0.9	0.1	0.9	0.9	0.9	0.4	0.4	0.1	0.1
	AVERAGE	6498 0.9	453 1.1	3321 1.4	462 1.6	903 1.8	138 2.2	243 2.3	39 2.9	39 2.9	39 2.9	138 4.4	138 4.4	12195 1.2	12195 1.2
AVERAGE	HIGH	6393 1.0	222 1.1	4314 1.8	171 1.9	1158 2.5	60 2.9	279 3.0	15 3.1	15 3.1	15 3.1	219 5.6	219 5.6	12831 1.6	12831 1.6
	LOW	99.5	99.5	98.4	99.0	99.2	98.4	97.2	97.0	97.0	97.0	98.5	98.5	99.5	99.5
	AVERAGE	6705 97.9	474 97.9	3348 95.6	459 96.0	954 93.3	147 94.6	249 88.1	39 91.7	39 91.7	39 91.7	147 89.1	147 89.1	12522 96.5	12522 96.5
AVERAGE	HIGH	6591 97.9	243 97.9	4350 95.5	183 95.8	1188 93.1	81 94.9	279 89.2	21 92.3	21 92.3	21 92.3	255 88.9	255 88.9	13191 96.3	13191 96.3
	LOW	97.0	97.0	94.0	94.0	90.0	90.0	80.0	80.0	80.0	80.0	72.0	72.0	72.0	72.0
	AVERAGE	6591 97.9	243 97.9	4350 95.5	183 95.8	1188 93.1	81 94.9	279 89.2	21 92.3	21 92.3	21 92.3	255 88.9	255 88.9	13191 96.3	13191 96.3

* TEST WEIGHT IN POUNDS.

RYE
INSPECTED RECEIPTS, DESIGNATED STATES,
2 MONTHS FOLLOWING HARVEST, 1968 CROP
ALL INSPECTIONS

STATES	GRADE					SPECIAL GRADES				
	NO. 1 NUMBER	NO. 2 NUMBER	NO. 3 NUMBER	NO. 4 NUMBER	SAMPLE GRADE NUMBER	TOTAL NUMBER	TOUGH NUMBER	WEEV- ILY NUMBER	ERGOTY NUMBER	PLUMP NUMBER
MINNESOTA	1133	861	164	33	35	2225	206	0	63	1377
NEBRASKA	3	17	6	2	0	27	2	0	0	5
NORTH DAKOTA	30	9	3	6	2	50	0	0	5	3
PENNSYLVANIA	2	8	9	5	0	23	5	0	0	23
SOUTH DAKOTA	29	41	5	3	0	77	0	0	2	42
WASHINGTON	8	11	0	0	0	18	0	0	0	18
WISCONSIN	170	123	38	12	8	350	23	0	35	143
ALL STATES	1373	1068	224	60	44	2768	234	0	104	1610
% 1968 CROP YEAR	49.6	38.6	8.1	2.2	1.6	100.0	8.5	0.0	3.7	58.2
% 1967 CROP YEAR	70.4	22.7	4.3	1.5	1.1	100.0	5.9	0.0	7.2	60.1
% 1966 CROP YEAR	28.6	47.6	18.6	3.4	1.8	100.0	3.9	0.9	4.7	24.3

RYE THE 1968 RYE CROP QUALITY DECREASED SLIGHTLY FROM 1967 CROP WITH 5 PERCENT LESS GRADING NO.2 OR BETTER; HOWEVER, THERE WAS STILL 12 PERCENT MORE IN THESE GRADES THAN IN 1966. ERGOTY RYE DECREASED FROM 7.2 PERCENT IN 1967 TO 3.7 PERCENT IN 1968.

RYE
RANGE, AVERAGE PERCENTAGE CONTENT AND TOTAL NUMBER OF RECEIPTS FOR SPECIFIC GRADE FACTORS
BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1968 CROP AND 1967 CROP AVERAGE
ALL INSPECTIONS
ALL STATES

QUALITY FACTOR	GRADE												ALL GRADES	
	NO. 1		NO. 2		NO. 3		NO. 4		SAMPLE GRADE				NO.	PCT.
DOCKAGE	NO.	PCT.	NO.	PCT.	NO.	PCT.	NO.	PCT.	NO.	PCT.	NO.	PCT.	NO.	PCT.
HIGH		6.5		5.5		7.5		7.5		7.5		7.5		7.5
LOW		0.0		0.0		0.0		0.0		0.0		0.0		0.0
AVERAGE	1968	1229	0.2	980	191	1.2	53	1.6	42	1.0	2493	0.5		
	1967	3072	0.1	915	150	0.8	30	1.1	38	1.7	4205	0.2		
TEST WEIGHT *														
HIGH		59.7		58.7		58.3		58.7		58.0		59.7		59.7
LOW		56.0		54.0		52.0		49.5		50.5		49.5		49.5
AVERAGE	1968	1371	56.9	1068	224	53.9	60	53.0	44	53.7	2766	55.9		
	1967	3230	57.3	1041	198	54.2	68	52.6	50	52.6	4586	56.6		
MOISTURE														
HIGH		15.5		16.0		16.0		15.8		17.6		17.6		17.6
LOW		8.3		8.0		10.6		11.0		11.2		8.0		8.0
AVERAGE	1968	1365	12.2	1064	224	13.6	60	13.6	44	14.9	2756	12.7		
	1967	3227	11.9	1035	197	12.8	65	13.0	50	14.7	4572	12.2		
HEAT DAMAGE														
HIGH		0.0		0.0		0.0		0.0		0.0		0.0		0.0
LOW		0.0		0.0		0.0		0.0		0.0		0.0		0.0
AVERAGE	1968	0	0.0	0	0	0.0	0	0.0	0	0.0	0	0.0		0.0
	1967	0	0.0	0	0	0.0	0	0.0	0	0.0	0	0.0		0.0
TOTAL DAMAGE														
HIGH		2.0		4.0		7.0		15.0		30.0		30.0		30.0
LOW		1.0		1.0		0.8		1.3		1.0		0.8		0.8
AVERAGE	1968	6	1.6	36	2.7	4.1	47	9.6	18	13.4	161	6.3		
	1967	2	1.2	38	2.7	3.9	45	5.9	30	10.5	161	5.4		
FOREIGN MATERIAL														
HIGH		3.0		6.0		8.7		5.2		10.5		10.5		10.5
LOW		0.1		0.3		0.4		0.3		0.7		0.1		0.1
AVERAGE	1968	152	1.0	126	1.6	2.6	18	2.1	6	5.3	356	1.6		
	1967	89	1.1	98	2.2	3.0	29	1.4	21	4.5	258	2.0		
FOR. MAT. NOT WHEAT														
HIGH		1.0		2.0		4.0		4.5		8.0		8.0		8.0
LOW		0.2		0.3		0.4		0.4		0.5		0.2		0.2
AVERAGE	1968	162	0.6	194	1.1	1.7	20	1.4	6	2.5	450	1.1		
	1967	66	0.5	63	1.1	2.1	15	1.1	15	1.3	180	1.0		
THIN														
HIGH		10.0		15.0		24.8		17.5		15.0		24.8		24.8
LOW		1.0		1.0		1.4		1.5		1.0		1.0		1.0
AVERAGE	1968	804	6.1	582	6.9	6.7	39	5.5	20	6.2	1583	6.4		
	1967	1527	6.0	701	7.4	9.9	56	9.3	39	5.9	2480	6.7		

* TEST WEIGHT IN POUNDS.

SOYBEANS
INSPECTED RECEIPTS, DESIGNATED STATES,
2 MONTHS FOLLOWING HARVEST, 1968 CROP
ALL INSPECTIONS

STATES	GRADE				SAMPLE GRADE NUMBER	TOTAL NUMBER
	NO. 1 NUMBER	NO. 2 NUMBER	NO. 3 NUMBER	NO. 4 NUMBER		
ALABAMA	900	1968	828	672	504	4872
ARKANSAS	288	468	240	240	108	1344
ILLINOIS	3996	10896	4152	2028	852	21924
INDIANA	600	720	300	48	0	1668
IOWA	5448	11064	3468	732	528	21240
KANSAS	144	2580	732	288	48	3792
LOUISIANA	132	2916	2436	1068	540	7092
MARYLAND	1452	828	696	60	48	3084
MINNESOTA	2160	4092	2664	1272	972	11160
MISSISSIPPI	0	84	132	72	24	312
MISSOURI	636	2688	1380	480	216	5400
OHIO	1836	4620	1836	852	348	9492
SOUTH CAROLINA	12	324	732	324	96	1488
TENNESSEE	660	3480	2820	816	516	8292
VIRGINIA	1116	4368	1824	408	120	7836
ALL STATES	19380	51096	24240	9360	4920	108996
% 1968 CROP YEAR	17.8	46.9	22.2	8.6	4.5	100.0
% 1967 CROP YEAR	29.9	41.8	19.1	6.8	2.4	100.0
% 1966 CROP YEAR	23.2	41.5	23.4	8.6	3.3	100.0

SOYBEANS THE QUALITY OF THE 1968 CROP IS DOWN SLIGHTLY COMPARED TO 1967 WITH 7 PERCENT LESS GRADING NO. 2 OR BETTER. THE PERCENT OF CROP GRADING NO. 2 OR BETTER IS THE SAME AS IN 1966. MOISTURE CONTENT INCREASED TO 13.0 PERCENT IN 1968 FROM 12.3 PERCENT IN 1967. THE MOISTURE OF SAMPLE GRADE SOYBEANS INCREASED 1.8 PERCENT TO 14.8 PERCENT IN 1968, COMPARED TO 13.0 PERCENT IN 1967.

SOYBEANS
 RANGE, AVERAGE PERCENTAGE CONTENT AND TOTAL NUMBER OF RECEIPTS FOR SPECIFIC GRADE FACTORS
 BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1968 CROP AND 1967 CROP AVERAGE
 ALL INSPECTIONS
 ALL STATES

QUALITY FACTOR	GRADE										ALL GRADES	
	NO. 1		NO. 2		NO. 3		NO. 4		SAMPLE GRADE		NO.	PCT.
TEST WEIGHT *	NO.	PCT.	NO.	PCT.	NO.	PCT.	NO.	PCT.	NO.	PCT.	NO.	PCT.
HIGH		58.7		58.7		59.2		58.7		60.2		60.2
LOW		56.2		54.2		52.2		51.2		49.2		49.2
AVERAGE	1968	19380		51096		24240		9348		4920		55.6
	1967	36610		51170		23340		8270		2980		56.1
MOISTURE												56.4
HIGH		13.0		14.0		16.0		18.0		23.0		23.0
LOW		9.6		9.0		8.0		9.9		10.0		8.0
AVERAGE	1968	19380		51096		24240		9360		4920		13.0
	1967	36610		51190		23350		8270		2980		12.3
HEAT DAMAGE												
HIGH		0.0		0.5		1.0		1.7		7.7		7.7
LOW		0.0		0.2		0.1		0.1		0.1		0.1
AVERAGE	1968	0		96		180		84		180		1.1
	1967	0		20		110		30		80		0.9
TOTAL DAMAGE												
HIGH		2.0		3.0		5.0		8.0		24.0		24.0
LOW		0.2		0.2		0.2		0.2		0.0		0.0
AVERAGE	1968	8736		27792		15264		6144		3036		1.7
	1967	18050		34990		18000		6060		2210		3.3
FOREIGN MATERIAL												
HIGH		1.0		2.0		3.0		5.0		18.0		18.0
LOW		0.1		0.1		0.1		0.1		0.2		0.1
AVERAGE	1968	19356		51000		24204		9360		4920		5.1
	1967	36560		51150		23330		8250		2970		6.3
BROWN, BLACK, BICOLORED												
HIGH		0.0		1.5		3.0		0.0		0.0		3.0
LOW		0.0		1.5		3.0		0.0		0.0		1.5
AVERAGE	1968	0		12		12		0		0		2.2
	1967	10		20		20		0		0		2.0
SPLITS												
HIGH		10.0		20.0		30.0		40.0		55.0		55.0
LOW		0.6		1.0		1.0		1.0		1.0		0.6
AVERAGE	1968	16968		47220		21612		8328		4524		8.0
	1967	32380		44980		19980		7220		2560		8.9

* TEST WEIGHT IN POUNDS.

SOYBEANS TEST WEIGHT
FREQUENCY DISTRIBUTION OF INSPECTED RECEIPTS,
BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1968 CROP
ALL INSPECTIONS
ALL STATES

POUNDS	GRADE				SAMPLE GRADE NUMBER	ALL GRADES NUMBER
	NO. 1 NUMBER	NO. 2 NUMBER	NO. 3 NUMBER	NO. 4 NUMBER		
60.0 AND OVER	0	0	0	0	12	12
59.0 - 59.9	0	0	36	0	36	72
58.0 - 58.9	552	672	240	168	216	1848
57.0 - 57.9	7212	6636	2892	1140	564	18444
56.0 - 56.9	11616	18756	8736	3444	1116	43668
55.0 - 55.9	0	20016	8124	2868	1704	32712
54.0 - 54.9	0	5016	3132	1260	780	10188
53.0 - 53.9	0	0	816	276	276	1368
52.0 - 52.9	0	0	264	96	156	516
51.0 - 51.9	0	0	0	96	24	120
50.0 - 50.9	0	0	0	0	24	24
49.0 - 49.9	0	0	0	0	12	12
48.9 AND UNDER	0	0	0	0	0	0
NO INFORMATION	0	0	0	12	0	12
MEAN 1968	56.8	56.0	55.8	55.8	55.6	56.1
MEAN 1967	56.8	56.3	56.0	56.1	56.2	56.4
MEAN 1966	56.9	56.5	56.1	56.1	56.3	56.5

SOYBEANS MOISTURE
PERCENTAGE CONTENT FREQUENCY DISTRIBUTION OF INSPECTED RECEIPTS,
BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1968 CROP
ALL INSPECTIONS
ALL STATES

PERCENT	NO. 1 NUMBER	NO. 2 NUMBER	NO. 3 NUMBER	NO. 4 NUMBER	SAMPLE GRADE NUMBER	ALL GRADES NUMBER
10.0 AND UNDER	168	204	120	36	24	552
10.1 - 12.0	7692	14388	4272	1632	708	28692
12.1 - 13.0	11520	17244	5136	2484	1056	37440
13.1 - 13.5	0	10368	1692	1116	492	13668
13.6 - 14.0	0	8892	1644	1044	420	12000
14.1 - 14.5	0	0	5040	612	384	6036
14.6 - 15.0	0	0	3480	384	288	4152
15.1 - 15.5	0	0	1656	288	96	2040
15.6 - 16.0	0	0	1200	204	168	1572
16.1 - 16.5	0	0	0	516	96	612
16.6 - 17.5	0	0	0	816	132	948
17.6 - 18.0	0	0	0	228	24	252
18.1 - 20.0	0	0	0	0	720	720
20.1 AND OVER	0	0	0	0	312	312
NO INFORMATION	0	0	0	0	0	0
MEAN 1968	12.2	12.7	13.6	13.7	14.8	13.
MEAN 1967	11.6	12.2	13.2	13.1	13.0	12.3
MEAN 1966	11.8	12.4	13.2	13.2	13.3	12.5

SOYBEANS SPLITS
PERCENTAGE CONTENT FREQUENCY DISTRIBUTION OF INSPECTED RECEIPTS,
BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1968 CROP
ALL INSPECTIONS
ALL STATES

PERCENT	GRADE				SAMPLE GRADE NUMBER	ALL GRADES NUMBER
	NO. 1 NUMBER	NO. 2 NUMBER	NO. 3 NUMBER	NO. 4 NUMBER		
0.0	0	0	0	0	0	0
0.1 - 2.0	684	1668	1476	756	588	5172
2.1 - 4.0	4032	7788	4200	1380	912	18312
4.1 - 6.0	6060	9384	4032	1440	828	21744
6.1 - 8.0	3828	9600	3492	1416	552	18888
8.1 - 10.0	2364	7092	2964	1464	588	14472
10.1 - 12.0	0	3480	1176	360	144	5160
12.1 - 14.0	0	3108	1200	372	312	4992
14.1 - 16.0	0	2460	840	408	204	3912
16.1 - 18.0	0	1464	564	288	216	2532
18.1 - 20.0	0	1176	420	204	60	1860
20.1 - 25.0	0	0	888	108	60	1056
25.1 - 30.0	0	0	360	48	0	408
30.1 - 35.0	0	0	0	36	12	48
35.1 - 40.0	0	0	0	48	24	72
40.1 AND OVER	0	0	0	0	24	24
NO INFORMATION	2412	3876	2628	1032	396	10344
MEAN 1968	5.9	8.3	8.6	8.4	8.0	8.0
MEAN 1967	5.9	8.0	7.9	8.6	8.9	7.4
MEAN 1966	5.7	7.8	8.0	10.1	10.2	7.7

SOYBEANS TOTAL DAMAGE
PERCENTAGE CONTENT FREQUENCY DISTRIBUTION OF INSPECTED RECEIPTS,
BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1968 CROP
ALL INSPECTIONS
ALL STATES

PERCENT	GRADE				SAMPLE GRADE NUMBER	ALL GRADES NUMBER
	NO. 1 NUMBER	NO. 2 NUMBER	NO. 3 NUMBER	NO. 4 NUMBER		
0.0	0	0	0	0	12	12
0.1 - 0.5	3084	4320	1884	636	156	10080
0.6 - 1.0	3216	9204	3552	1872	684	18528
1.1 - 1.5	948	3756	2040	552	444	7740
1.6 - 2.0	1488	5040	2832	1056	600	11016
2.1 - 2.5	0	2280	552	144	96	3072
2.6 - 3.0	0	3192	948	300	192	4632
3.1 - 3.5	0	0	984	48	36	1068
3.6 - 4.0	0	0	1284	204	48	1536
4.1 - 4.5	0	0	528	12	12	552
4.6 - 5.0	0	0	660	108	36	804
5.1 - 6.0	0	0	0	444	48	492
6.1 - 7.0	0	0	0	444	48	492
7.1 - 8.0	0	0	0	324	24	348
8.1 - 9.0	0	0	0	0	24	24
9.1 - 10.0	0	0	0	0	168	168
10.1 AND OVER	0	0	0	0	408	408
NO INFORMATION	10644	23304	8976	3216	1884	48024
MEAN 1968	0.9	1.4	2.0	2.5	4.0	1.7
MEAN 1967	1.0	1.4	1.8	2.2	3.3	1.5
MEAN 1966	1.1	1.5	2.1	2.2	2.4	1.7

SOYBEANS FOREIGN MATERIAL
 PERCENTAGE CONTENT FREQUENCY DISTRIBUTION OF INSPECTED RECEIPTS,
 BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1968 CROP
 ALL INSPECTIONS
 ALL STATES

PERCENT	GRADE				SAMPLE GRADE NUMBER	ALL GRADES NUMBER
	NO. 1 NUMBER	NO. 2 NUMBER	NO. 3 NUMBER	NO. 4 NUMBER		
0.0	0	0	0	0	0	0
0.1 - 0.2	516	984	336	60	36	1932
0.3 - 0.4	2412	2520	996	288	216	6432
0.5 - 0.6	3612	4092	1428	360	276	9768
0.7 - 0.8	4572	5748	2016	348	276	12960
0.9 - 1.0	8244	12240	3948	600	312	25344
1.1 - 1.2	0	1992	396	24	36	2448
1.3 - 1.4	0	7248	1356	276	144	9024
1.5 - 1.6	0	5376	1128	132	132	6768
1.7 - 1.8	0	4632	852	120	84	5688
1.9 - 2.0	0	6168	1488	180	84	7920
2.1 - 2.5	0	0	5112	132	60	5304
2.6 - 3.0	0	0	5148	216	144	5508
3.1 - 3.5	0	0	0	2064	36	2100
3.6 - 4.0	0	0	0	2184	12	2196
4.1 - 4.5	0	0	0	984	36	1020
4.6 - 5.0	0	0	0	1392	48	1440
5.1 - 6.0	0	0	0	0	1152	1152
6.1 AND OVER	0	0	0	0	1836	1836
NO INFORMATION	24	96	36	0	0	156
MEAN 1968	0.7	1.2	1.7	3.2	5.1	1.6
MEAN 1967	0.8	1.3	1.9	3.5	6.3	1.5
MEAN 1966	0.8	1.4	2.0	3.7	7.2	1.8

DURUM WHEAT
INSPECTED RECEIPTS, DESIGNATED STATES,
2 MONTHS FOLLOWING HARVEST, 1968 CROP
ALL INSPECTIONS

STATES	GRADES										SPECIAL GRADES				SUBCLASSES													
	NO. 1 HEAVY		NO. 2 HEAVY		NO. 3 HEAVY		NO. 3		NO. 4		NO. 5		SAMPLE GRADE		TOTAL		TOUGH		WEEV- ILY		GAR- LICKY		HARD AMBER DURUM		AMBER DURUM		RED DURUM	
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
MINNESOTA	54	27	18	177	3	90	33	33	9	33	444						57	0	0	195	189	60	0					
MONTANA	159	75	51	42	15	15	3	0	0	360							15	0	0	198	135	27	0					
SOUTH DAKOTA	33	66	21	84	6	27	15	0	3	255							6	0	0	138	93	24	0					
WISCONSIN	339	348	231	987	27	486	204	93	192	2907							375	0	0	2073	444	390	0					
*ALL STATES	585	516	321	1290	51	618	255	102	228	3966							453	0	0	2604	861	501	0					
% 1968 CROP YEAR	14.8	13.0	8.1	32.5	1.3	15.6	6.4	2.6	5.7	100.0							11.4	0.0	0.0	65.7	21.7	12.6	0.0					
% 1967 CROP YEAR	11.1	9.0	13.3	38.2	2.3	13.6	3.8	0.3	8.5	100.0							0.3	0.0	0.0	99.7	0.3	0.0	0.0					
% 1966 CROP YEAR	4.4	7.7	2.4	34.2	0.5	29.8	10.0	5.1	7.6	100.0							7.4	0.3	0.0	82.6	11.5	6.2	0.0					
**NORTH DAKOTA	168			135		93	60	57	39	582										366	141	75	0					

* NORTH DAKOTA NOT INCLUDED.

** INFORMATION NOT AVAILABLE FOR SPECIAL GRADES.

DURUM QUALITY OF DURUM WHEAT THE LAST TWO YEARS HAS IMPROVED FOR GRADE NO.1. THERE WAS 15.7 PERCENT MORE NO.1 IN 1968 THAN THERE WAS IN 1966. THERE WAS ALSO A SIGNIFICANT CHANGE IN SUBCLASS IN 1968. IN 1966 AND 1967, 82.6 AND 99.7 PERCENT RESPECTIVELY, GRADED HARD AMBER DURUM COMPARED TO 65.7 PERCENT IN 1968. MEAN TOTAL DEFECTS FOR 1968 WAS 5.9 PERCENT COMPARED TO 4.3 PERCENT IN 1967, AND 8.1 PERCENT IN 1966. THIS INCLUDED A 2.4 PERCENT INCREASE IN TOTAL DAMAGE IN 1968 FROM 1967, BUT WAS 1.2 PERCENT LESS THAN IN 1966. MOISTURE WAS UP 1.0 PERCENT FROM 1967, BUT ABOUT THE SAME AS IN 1966. SPECIAL GRADE TOUGH INCREASED 11.1 PERCENT IN 1968 FROM 1967, BUT INCREASED ONLY 4.0 PERCENT FROM 1966.

DURUM WHEAT
RANGE, AVERAGE PERCENTAGE CONTENT AND TOTAL NUMBER OF RECEIPTS FOR SPECIFIC GRADE FACTORS
BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1968 CROP AND 1967 CROP AVERAGE
ALL INSPECTIONS
ALL STATES **

QUALITY FACTOR	GRADE										SAMPLE GRADE		ALL GRADES	
	NO. 1 HEAVY	NO. 1	NO. 2 HEAVY	NO. 2	NO. 3 HEAVY	NO. 3	NO. 4	NO. 5	NO. 5	NO. 5	NO. PCT.	NO. PCT.	NO.	PCT.
DOCKAGE														
HIGH	4.7	5.2	4.2	7.7	1.7	5.7	4.2	3.2	6.2	6.2	6.2	7.7		
LOW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
AVERAGE	375 1.1	288 1.6	207 1.1	873 1.3	33 1.0	429 1.2	168 1.2	81 1.4	159 1.2	159 1.2	159 1.2	1.3	2613	0.0
TEST WEIGHT *	87 0.7	54 1.0	120 0.8	300 0.9	9 1.5	123 0.8	27 1.3	0 0.0	75 0.7	75 0.7	75 0.7	0.9	795	0.9
HIGH	65.0	61.8	66.5	61.8	63.7	61.8	62.5	62.5	63.7	63.7	63.7	66.5		
LOW	62.0	60.0	62.0	58.0	62.1	56.0	55.7	52.7	53.5	53.5	53.5	52.7		
AVERAGE	585 62.9	516 60.8	321 62.7	1290 60.3	51 62.9	618 59.8	255 59.6	102 57.8	228 58.5	228 58.5	228 58.5	60.7	3966	60.7
MOISTURE	132 62.8	108 60.8	159 62.5	456 60.6	27 62.4	162 60.0	45 60.2	3 59.5	102 60.6	102 60.6	102 60.6	61.1	1194	61.1
HIGH	21.5	14.8	13.3	15.4	12.7	15.6	15.0	15.0	15.3	15.3	15.3	21.5		
LOW	10.3	9.3	10.0	9.9	10.2	9.2	10.7	12.0	10.6	10.6	10.6	9.2		
AVERAGE	585 12.0	516 12.5	321 11.8	1290 12.4	51 11.8	618 12.6	255 13.0	102 13.2	228 12.7	228 12.7	228 12.7	12.4	3966	12.4
HEAT DAMAGE	111 11.0	84 11.5	150 11.2	426 11.5	27 11.2	156 11.5	45 11.5	3 12.6	102 11.3	102 11.3	102 11.3	11.4	1104	11.4
HIGH	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.2		
LOW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
AVERAGE	33 0.0	66 0.0	21 0.0	84 0.0	6 0.0	30 0.0	15 0.0	0 0.0	3 0.0	3 0.0	3 0.0	0.0	258	0.0
TOTAL DAMAGE	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	0.0	0	0.0
HIGH	1.0	2.0	3.2	4.0	3.3	7.0	10.0	15.0	36.0	36.0	36.0	36.0		
LOW	0.0	0.0	0.2	0.0	0.4	0.0	0.0	0.3	0.2	0.2	0.2	0.0		
AVERAGE	57 0.3	117 0.5	264 1.0	1209 1.5	36 1.4	600 3.3	252 6.5	102 11.2	228 13.6	228 13.6	228 13.6	3.5	2865	3.5
FOREIGN MATERIAL	69 0.4	33 0.4	120 0.9	393 0.8	24 1.1	147 1.5	36 2.7	3 12.0	102 1.7	102 1.7	102 1.7	1.1	927	1.1
HIGH	0.5	0.5	1.0	1.0	2.0	2.0	2.5	3.7	1.4	1.4	1.4	3.7		
LOW	0.0	0.0	0.1	0.0	0.4	0.2	0.0	0.2	0.1	0.1	0.1	0.0		
AVERAGE	57 0.2	117 0.2	282 0.5	1224 0.4	36 1.1	600 0.5	252 0.6	102 0.6	228 0.5	228 0.5	228 0.5	0.5	2898	0.5
SHRUNKEN & BROKEN	69 0.3	33 0.2	123 0.4	393 0.4	24 0.8	150 0.5	36 0.8	3 0.5	102 0.4	102 0.4	102 0.4	0.4	933	0.4
HIGH	2.5	2.4	4.0	4.6	4.2	5.3	7.0	8.2	4.8	4.8	4.8	8.2		
LOW	0.0	0.0	0.3	0.0	0.9	0.0	0.0	0.6	0.4	0.4	0.4	0.0		
AVERAGE	57 1.4	117 0.9	267 2.1	1230 2.1	36 2.0	600 2.1	252 1.7	102 1.7	228 1.9	228 1.9	228 1.9	2.0	2889	2.0
TOTAL DEFECTS	69 1.9	33 2.1	144 2.6	435 2.8	24 2.6	153 3.8	36 2.8	3 2.2	102 2.8	102 2.8	102 2.8	2.8	999	2.8
HIGH	3.0	3.0	5.0	5.0	7.9	8.0	12.0	16.8	37.7	37.7	37.7	37.7		
LOW	0.0	0.0	2.1	0.0	2.3	0.0	0.0	5.5	1.9	1.9	1.9	0.0		
AVERAGE	57 1.9	117 1.6	264 3.6	1212 3.9	36 4.5	600 5.9	252 8.9	102 13.5	228 16.0	228 16.0	228 16.0	5.9	2868	5.9
CONTRASTING CLASSES	69 2.7	33 2.7	120 3.8	396 3.8	24 4.5	150 5.9	36 6.3	3 14.7	102 4.8	102 4.8	102 4.8	4.3	933	4.3
HIGH	0.4	1.0	2.0	2.0	3.0	3.0	9.0	3.5	3.8	3.8	3.8	9.0		
LOW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0		
AVERAGE	36 0.0	69 0.0	102 1.1	258 0.9	27 2.1	159 1.5	87 3.1	9 2.2	48 1.7	48 1.7	48 1.7	1.3	795	1.3
OTHER CLASSES	6 0.9	3 0.5	48 1.5	81 1.4	15 2.2	66 1.6	33 5.4	0 0.0	36 1.6	36 1.6	36 1.6	2.0	288	2.0
HIGH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
LOW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
AVERAGE	33 0.0	66 0.0	21 0.0	84 0.0	6 0.0	27 0.0	15 0.0	0 0.0	3 0.0	3 0.0	3 0.0	0.0	255	0.0
TOTAL	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	0.0	0	0.0

* TEST WEIGHT IN POUNDS.

** 1967 NORTH DAKOTA AND SOUTH DAKOTA NOT INCLUDED. 1968 NORTH DAKOTA NOT INCLUDED.

DURUM WHEAT TEST WEIGHT
FREQUENCY DISTRIBUTION OF INSPECTED RECEIPTS,
BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1968 CROP
ALL INSPECTIONS
ALL STATES

POUNDS	NO. 1 HEAVY NUMBER	NO. 1 NUMBER	NO. 2 HEAVY NUMBER	NO. 2 NUMBER	GRADE		NO. 3 NUMBER	NO. 4 NUMBER	NO. 5 NUMBER	SAMPLE GRADE NUMBER	ALL GRADES NUMBER
					NO. 2	NO. 3 HEAVY					
65.0 - 68.0	6	0	3	0	0	0	0	0	0	0	9
62.0 - 64.9	579	0	318	0	0	51	0	12	3	9	972
60.0 - 61.9	0	516	0	885	0	0	360	90	12	48	1911
59.0 - 59.9	0	0	0	306	0	0	138	78	18	36	576
58.0 - 58.9	0	0	0	99	0	0	60	54	18	45	276
57.0 - 57.9	0	0	0	0	0	0	51	12	24	51	138
56.0 - 56.9	0	0	0	0	0	0	9	6	15	12	42
55.0 - 55.9	0	0	0	0	0	0	0	3	6	21	30
54.0 - 54.9	0	0	0	0	0	0	0	0	0	0	0
53.0 - 53.9	0	0	0	0	0	0	0	0	3	6	9
52.0 - 52.9	0	0	0	0	0	0	0	0	3	0	3
51.9 AND UNDER	0	0	0	0	0	0	0	0	0	0	0
NO INFORMATION	0	0	0	0	0	0	0	0	0	0	0
*MEAN 1968	62.9	60.8	62.7	60.3		62.9	59.8	59.6	57.8	58.5	60.7
**MEAN 1967	62.8	60.8	62.5	60.6		62.4	60.0	60.2	59.5	60.6	61.1
MEAN 1966	62.6	60.9	62.4	60.0		62.4	59.1	58.1	56.3	55.3	59.3

* 1968 NORTH DAKOTA NOT INCLUDED.

** 1967 NORTH DAKOTA AND SOUTH DAKOTA NOT INCLUDED.

DURUM WHEAT MOISTURE
PERCENTAGE CONTENT FREQUENCY DISTRIBUTION OF INSPECTED RECEIPTS,
BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1968 CROP
ALL INSPECTIONS
ALL STATES

PERCENT	NO. 1 HEAVY NUMBER	NO. 1 NUMBER	GRADE			NO. 3 HEAVY NUMBER	NO. 3 NUMBER	NO. 4 NUMBER	NO. 5 NUMBER	SAMPLE GRADE NUMBER	ALL GRADES NUMBER
			NO. 2 HEAVY NUMBER	NO. 2 NUMBER	NO. 3 NUMBER						
6.5 - 9.0	0	0	0	0	0	0	0	0	0	0	0
9.1 - 10.0	0	6	3	12	0	3	0	0	0	0	24
10.1 - 10.5	21	6	21	18	3	18	0	0	0	0	87
10.6 - 11.0	57	30	30	99	0	24	3	0	0	24	267
11.1 - 11.5	87	42	63	114	12	42	18	0	0	9	387
11.6 - 12.0	132	78	105	213	12	93	21	3	21	21	678
12.1 - 12.5	168	105	42	213	18	90	48	15	15	30	729
12.6 - 13.0	75	111	36	309	6	159	45	42	42	72	855
13.1 - 13.5	30	69	21	177	0	84	54	15	15	36	486
13.6 - 14.0	12	36	0	93	0	66	39	12	12	21	279
14.1 - 14.5	0	27	0	24	0	27	15	9	9	9	111
14.6 - 15.0	0	6	0	15	0	6	12	6	6	3	48
15.1 - 16.0	0	0	0	3	0	6	0	0	0	3	12
16.1 AND OVER	3	0	0	0	0	0	0	0	0	0	3
NO INFORMATION	0	0	0	0	0	0	0	0	0	0	0
*MEAN 1968	12.0	12.5	11.8	12.4	11.8	12.6	13.0	13.2	13.2	12.7	12.4
**MEAN 1967	11.0	11.5	11.2	11.5	11.2	11.5	11.5	12.6	12.6	11.3	11.4
MEAN 1966	11.8	12.0	11.8	12.2	11.8	12.3	12.4	13.0	13.0	13.3	12.3

* 1968 NORTH DAKOTA NOT INCLUDED.

** 1967 NORTH DAKOTA AND SOUTH DAKOTA NOT INCLUDED.

DURUM WHEAT TOTAL DAMAGE
 PERCENTAGE CONTENT FREQUENCY DISTRIBUTION OF INSPECTED RECEIPTS,
 BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1968 CROP
 ALL INSPECTIONS
 ALL STATES

PERCENT	NO. 1 HEAVY		NO. 2 HEAVY		NO. 2 HEAVY		NO. 3 HEAVY		NO. 3		NO. 4		NO. 5		SAMPLE GRADE		ALL GRADES	
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
.0	15	42	0	18	0	3	0	0	3	3	3	0	0	0	0	0	81	
.1 - 1.0	42	60	186	531	18	123	18	36	36	1050					45		1050	
1.1 - 1.5	0	12	24	159	3	24	3	3	3	231					6		231	
1.6 - 2.0	0	3	15	186	6	39	6	6	6	258					0		258	
2.1 - 2.5	0	0	21	87	3	24	3	0	0	135					0		135	
2.6 - 3.0	0	0	15	171	3	45	3	3	3	255					18		255	
3.1 - 3.5	0	0	3	48	3	33	3	3	3	93					3		93	
3.6 - 4.0	0	0	0	9	0	69	0	3	3	81					0		81	
4.1 - 4.5	0	0	0	0	0	66	0	0	0	66					0		66	
4.6 - 5.0	0	0	0	0	0	78	0	3	3	84					3		84	
5.1 - 6.0	0	0	0	0	0	60	0	21	21	84					3		84	
6.1 - 7.0	0	0	0	0	0	36	0	33	33	72					3		72	
7.1 - 8.0	0	0	0	0	0	0	0	45	45	48					3		48	
8.1 - 10.0	0	0	0	0	0	0	0	93	93	102					3		102	
10.1 - 12.5	0	0	0	0	0	0	0	0	0	45					6		45	
12.6 - 15.0	0	0	0	0	0	0	0	0	0	48					3		48	
15.1 AND OVER	0	0	0	0	0	0	0	0	0	132					132		132	
NO INFORMATION	528	399	57	81	15	18	3	3	3	1101					0		1101	
*MEAN 1968	0.3	0.5	1.0	1.5	1.4	3.3	6.5	11.2	13.6	3.5							3.5	
**MEAN 1967	0.4	0.4	0.9	0.8	1.1	1.5	2.7	12.0	1.7	1.1							1.1	
MEAN 1966	0.5	0.4	1.1	1.2	2.4	2.7	5.7	11.7	24.8	4.7							4.7	

* 1968 NORTH DAKOTA NOT INCLUDED.
 ** 1967 NORTH DAKOTA AND SOUTH DAKOTA DATA NOT INCLUDED.

DURUM WHEAT FOREIGN MATERIAL
 PERCENTAGE CONTENT FREQUENCY DISTRIBUTION OF INSPECTED RECEIPTS,
 BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1968 CROP
 ALL INSPECTIONS
 ALL STATES

PERCENT	NO. 1 HEAVY		NO. 2 HEAVY		GRADE NO. 2		GRADE NO. 3 HEAVY		NO. 3		NO. 4		NO. 5		SAMPLE GRADE		ALL GRADES	
	NUMBER	NO. 1 NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
0.0	15	42	0	0	12	0	0	0	0	0	3	0	0	0	0	0	72	
0.1 - 0.5	42	75	207	1032	12	186	81	2277										
0.6 - 1.0	0	0	75	180	6	39	15	432										
1.1 - 1.5	0	0	0	0	12	6	0	66										
1.6 - 2.0	0	0	0	0	6	6	0	33										
2.1 - 2.5	0	0	0	0	0	12	0	12										
2.6 - 3.0	0	0	0	0	0	0	0	0										
3.1 - 3.5	0	0	0	0	0	0	0	3										
3.6 - 4.0	0	0	0	0	0	0	0	3										
4.1 AND OVER	0	0	0	0	0	0	0	0										
NO INFORMATION	528	399	39	66	15	3	0	1068										
*MEAN 1968	0.2	0.2	0.5	0.4	1.1	0.6	0.5	0.5										
**MEAN 1967	0.3	0.2	0.4	0.4	0.8	0.8	0.5	0.4										
MEAN 1966	0.3	0.3	0.5	0.4	0.7	0.5	0.4	0.5										

* 1968 NORTH DAKOTA NOT INCLUDED.

** 1967 NORTH DAKOTA AND SOUTH DAKOTA NOT INCLUDED.

DURUM WHEAT SHRUNKEN AND BROKEN KERNELS
PERCENTAGE CONTENT FREQUENCY DISTRIBUTION OF INSPECTED RECEIPTS,
BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1968 CROP
ALL INSPECTIONS
ALL STATES

PERCENT	NO. 1 HEAVY		NO. 2 HEAVY		NO. 2		NO. 3 HEAVY		NO. 3		NO. 4		NO. 5		SAMPLE GRADE		ALL GRADES	
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
0.0	15	42	0	15	0	3	0	3	3	0	0	0	0	0	0	0	78	
0.1 - 1.0	6	30	24	153	3	123	78	45	63	525							525	
1.1 - 2.0	24	36	105	483	21	246	102	42	87	1146							1146	
2.1 - 2.5	12	9	54	183	0	60	39	6	18	381							381	
2.6 - 3.0	0	0	45	204	9	60	12	0	15	345							345	
3.1 - 3.5	0	0	36	102	0	27	3	3	9	160							160	
3.6 - 4.0	0	0	3	75	0	18	0	0	18	114							114	
4.1 - 4.5	0	0	0	9	3	33	0	0	12	57							57	
4.6 - 5.0	0	0	0	6	0	27	9	0	6	48							48	
5.1 - 6.0	0	0	0	0	0	3	3	0	0	6							6	
6.1 - 9.0	0	0	0	0	0	0	3	6	0	9							9	
9.1 AND OVER	0	0	0	0	0	0	0	0	0	0							0	
NO INFORMATION	528	399	54	60	15	18	3	0	0	1077								
*MEAN 1968	1.4	0.9	2.1	2.1	2.0	2.1	1.7	1.7	1.9	2.0							2.0	
**MEAN 1967	1.9	2.1	2.6	2.8	2.6	3.8	2.8	2.2	2.8	2.2							2.2	
MEAN 1966	1.7	2.0	2.5	2.8	2.4	3.3	3.4	2.9	2.8	3.0							3.0	

* 1968 NORTH DAKOTA NOT INCLUDED.

** 1967 NORTH DAKOTA AND SOUTH DAKOTA NOT INCLUDED.

DURUM WHEAT TOTAL DEFECTS
PERCENTAGE CONTENT FREQUENCY DISTRIBUTION OF INSPECTED RECEIPTS,
BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1968 CROP
ALL INSPECTIONS
ALL STATES

PERCENT	NO. 1 HEAVY		NO. 1		NO. 2 HEAVY		NO. 2		GRADE NO. 3 HEAVY		NO. 3		NO. 4		NO. 5		SAMPLE GRADE		ALL GRADES	
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
0.0	15	42	0	0	15	0	3	0	0	3	0	3	0	0	0	0	0	0	78	3
0.1 - 1.0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	3	27
1.1 - 2.0	6	9	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	99	171
2.1 - 2.5	12	30	18	27	27	3	3	3	3	3	3	3	3	3	3	3	3	3	327	465
2.6 - 3.0	24	36	24	57	57	3	9	9	9	9	9	9	9	9	9	9	9	9	363	330
3.1 - 3.5	0	0	78	216	216	3	15	15	15	15	15	15	15	15	15	15	15	15	273	183
3.6 - 4.0	0	0	87	333	333	9	24	24	24	24	24	24	24	24	24	24	24	24	102	69
4.1 - 4.5	0	0	33	285	285	3	33	33	33	33	33	33	33	33	33	33	33	33	87	60
4.6 - 5.0	0	0	24	267	267	3	24	24	24	24	24	24	24	24	24	24	24	24	72	69
5.1 - 6.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	42	48
6.1 - 7.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1098	5.9
7.1 - 8.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4.3	8.1
8.1 - 9.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
9.1 - 11.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
11.1 - 12.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
12.1 - 15.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
15.1 - 20.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
20.1 - 25.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
25.1 AND OVER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
NO INFORMATION	528	399	57	78	78	15	18	18	18	18	18	18	18	18	18	18	18	18		
* MEAN 1968	1.9	1.6	3.6	3.9	3.9	4.5	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9		
** MEAN 1967	2.7	2.7	3.8	3.8	3.8	4.5	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9		
MEAN 1966	2.4	2.7	3.9	4.3	4.3	5.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4		

* 1968 NORTH DAKOTA NOT INCLUDED.
** 1967 NORTH DAKOTA AND SOUTH DAKOTA NOT INCLUDED.

HARD RED SPRING WHEAT
INSPECTED RECEIPTS, DESIGNATED STATES,
2 MONTHS FOLLOWING HARVEST, 1968 CROP
ALL INSPECTIONS

STATES	GRADES										SPECIAL GRADES						SUBCLASSES							
	NO. 1		NO. 2		NO. 3		NO. 4		NO. 5		SAMPLE		TOTAL		TOUGH		WEEV-ILY		GAR-LICKY		DARK NORTH. SPRING		RED NORTH. SPRING	
	NUMBER	HEAVY	NUMBER	HEAVY	NUMBER	HEAVY	NUMBER	HEAVY	NUMBER	HEAVY	NUMBER	GRADE	NUMBER	GRADE	NUMBER	GRADE	NUMBER	GRADE	NUMBER	GRADE	NUMBER	GRADE	NUMBER	GRADE
IOWA	42	132	18	108	6	108	6	60	0	6	0	372	42	0	0	342	30	0	0	0	342	30	0	0
MINNESOTA	1014	1638	234	1338	30	1338	30	330	42	36	42	4704	780	12	0	4374	330	0	0	0	4374	330	0	0
MONTANA	522	690	102	282	30	282	30	24	0	0	0	1650	162	0	0	1644	6	0	0	0	1644	6	0	0
SOUTH DAKOTA	510	792	156	630	30	630	30	354	54	18	6	2550	72	0	0	2418	132	0	0	0	2418	132	0	0
WISCONSIN	1380	1566	504	1170	90	1170	90	216	24	30	66	5046	1044	6	0	4698	348	0	0	0	4698	348	0	0
*ALL STATES	3468	4818	1014	3528	186	3528	186	984	120	90	114	14322	2100	18	0	13476	846	0	0	0	13476	846	0	0
% 1968 CROP YEAR	24.2	33.6	7.1	24.6	1.3	24.6	1.3	6.9	0.8	0.6	0.8	100.0	14.7	0.1	0.0	94.1	5.9	0.0	0.0	0.0	94.1	5.9	0.0	0.0
% 1967 CROP YEAR	33.0	12.1	22.9	19.8	2.8	19.8	2.8	6.9	1.4	0.1	1.0	100.0	0.7	0.0	0.0	99.7	0.3	0.0	0.0	0.0	99.7	0.3	0.0	0.0
% 1966 CROP YEAR	10.9	18.4	5.7	30.0	0.8	30.0	0.8	22.1	8.1	2.7	1.6	100.0	4.6	0.2	0.0	99.3	0.7	0.0	0.0	0.0	99.3	0.7	0.0	0.0
**IDAHO		180		204		204		180	108	42	24	738												
**NORTH DAKOTA		1530		882		882		324	24	6	0	2766												

* IDAHO AND NORTH DAKOTA DATA NOT INCLUDED.

** INFORMATION NOT AVAILABLE FOR SPECIAL GRADES AND SUBCLASSES.

HARD RED SPRING THE 1968 CROP CONSISTED OF MORE NO.1 WITH ABOUT 50 PERCENT COMPARED TO 45 PERCENT IN 1967 AND 29 PERCENT IN 1966. THE 1968 MEAN TEST WEIGHT WAS DOWN 0.8 COMPARED TO 1967. MEAN MOISTURE CONTENT WAS UP 1.3 PERCENT TO 12.5 PERCENT COMPARED WITH 1967. MUCH MORE OF THE 1968 CROP GRADED TOUGH--14.7 PERCENT--COMPARED WITH ONLY 0.7 PERCENT IN 1967 AND 4.6 PERCENT IN 1966.

HARD RED SPRING WHEAT
RANGE, AVERAGE PERCENTAGE CONTENT AND TOTAL NUMBER OF RECEIPTS FOR SPECIFIC GRADE FACTORS
BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1968 CROP AND 1967 CROP AVERAGE
ALL INSPECTIONS
ALL STATES**

QUALITY FACTOR	GRADE																SAMPLE GRADE		ALL GRADES	
	NO. 1 HEAVY		NO. 2 HEAVY		NO. 2		NO. 3 HEAVY		NO. 3		NO. 4		NO. 5							
	NO. PCT.	NO. PCT.	NO. PCT.	NO. PCT.	NO. PCT.	NO. PCT.	NO. PCT.	NO. PCT.	NO. PCT.	NO. PCT.	NO. PCT.	NO. PCT.	NO. PCT.	NO. PCT.	NO. PCT.	NO.	PCT.			
DOCKAGE																				
HIGH	5.7	7.5	4.7	7.2	4.7	7.2	7.2	4.7	7.2	7.2	6.7	6.7	8.7	8.7	5.2	8.7	8.7			
LOW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.7	0.0	0.0	0.0			
AVERAGE	2916 1.1	4230 1.3	900 1.2	3294 1.4	186 1.3	948 2.1	114 2.7	186 1.3	948 2.1	948 2.1	114 2.7	114 2.7	90 2.2	90 2.2	102 1.5	12780 1.4	1.4			
TEST WEIGHT *	1590 1.0	600 1.0	1356 1.0	1224 1.0	168 1.3	462 1.2	90 1.3	6 4.5	6 4.5	6 4.5	60 1.1	60 1.1	6 4.5	6 4.5	60 1.1	5556 1.0	1.0			
HIGH	63.6	59.8	62.3	59.8	62.0	59.7	61.2	61.2	61.0	61.0	53.2	53.2	61.0	61.0	60.1	63.6	63.6			
LOW	60.0	58.0	60.0	57.0	60.0	55.0	53.2	53.2	51.0	51.0	52.0	52.0	51.0	51.0	52.0	51.0	51.0			
AVERAGE	3468 60.8	4818 58.9	1014 60.7	3528 58.2	186 61.0	984 57.1	120 57.3	96 56.7	90 57.8	90 57.8	114 57.6	114 57.6	90 57.8	90 57.8	114 57.6	14322 59.2	59.2			
MOISTURE	2298 61.2	846 59.1	1596 60.9	1380 58.8	192 60.8	480 57.5	96 56.7	6 59.0	6 59.0	6 59.0	72 59.7	72 59.7	6 59.0	6 59.0	72 59.7	6966 60.0	60.0			
HIGH	15.7	15.4	15.0	15.4	13.7	17.7	14.0	14.0	14.4	14.4	14.9	14.9	14.4	14.4	14.9	17.7	17.7			
LOW	9.3	9.7	9.7	9.5	10.0	9.7	10.3	10.3	9.0	9.0	10.0	10.0	9.0	9.0	10.0	9.0	9.0			
AVERAGE	3468 12.2	4818 12.8	1014 11.9	3528 12.6	186 11.9	984 12.5	120 12.2	96 12.1	90 11.9	90 11.9	114 12.6	114 12.6	90 11.9	90 11.9	114 12.6	14322 12.5	12.5			
HEAT DAMAGE	1878 11.4	594 11.5	1518 11.0	1068 10.9	174 11.3	294 11.0	54 12.1	0 0.0	0 0.0	0 0.0	72 11.7	72 11.7	0 0.0	0 0.0	72 11.7	5652 11.2	11.2			
HIGH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
LOW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
AVERAGE	510 0.0	792 0.0	156 0.0	630 0.0	30 0.0	354 0.0	54 0.0	0 0.0	18 0.0	18 0.0	6 0.0	6 0.0	0 0.0	0 0.0	6 0.0	2550 0.0	0.0			
TOTAL DAMAGE	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	0.0			
HIGH	1.0	1.7	2.3	3.5	3.2	6.0	8.9	8.9	14.8	14.8	34.5	34.5	14.8	14.8	34.5	34.5	34.5			
LOW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.0	0.0	0.2	0.0	0.0			
AVERAGE	642 0.1	1242 0.3	822 0.5	2544 0.7	138 1.0	804 1.1	96 1.0	42 6.2	78 2.4	78 2.4	108 4.9	108 4.9	78 2.4	78 2.4	108 4.9	6474 0.7	0.7			
FOREIGN MATERIAL	816 0.6	282 0.5	816 1.3	360 0.8	84 3.1	114 1.2	42 6.2	0 0.0	0 0.0	0 0.0	66 4.0	66 4.0	0 0.0	0 0.0	66 4.0	2580 1.1	1.1			
HIGH	0.5	0.5	1.0	1.0	1.7	2.0	2.7	2.7	4.8	4.8	6.3	6.3	4.8	4.8	6.3	6.3	6.3			
LOW	0.0	0.0	0.1	0.0	0.2	0.0	0.0	0.0	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.0	0.0			
AVERAGE	642 0.2	1260 0.3	948 0.5	2910 0.5	156 1.2	852 0.6	96 1.0	48 0.6	90 2.7	90 2.7	108 0.9	108 0.9	90 2.7	90 2.7	108 0.9	7062 0.5	0.5			
SHRUNKEN & BROKEN	864 0.3	426 0.3	996 0.4	564 0.4	102 0.4	192 0.5	48 0.6	0 0.0	0 0.0	0 0.0	66 0.5	66 0.5	0 0.0	0 0.0	66 0.5	3258 0.4	0.4			
HIGH	2.8	2.9	4.6	4.8	6.2	7.6	8.1	8.1	6.0	6.0	4.4	4.4	6.0	6.0	4.4	8.1	8.1			
LOW	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.0	0.0			
AVERAGE	642 1.2	1260 1.3	888 2.6	2802 2.3	150 2.4	852 2.4	96 1.9	78 4.6	90 2.8	90 2.8	108 2.3	108 2.3	90 2.8	90 2.8	108 2.3	6888 2.1	2.1			
TOTAL DEFECTS	870 1.6	456 1.8	1572 2.9	1302 3.4	168 4.3	390 4.5	78 4.6	6 14.0	6 14.0	6 14.0	66 2.2	66 2.2	6 14.0	6 14.0	66 2.2	4908 2.9	2.9			
HIGH	3.0	3.0	5.0	5.0	6.7	7.9	9.9	9.9	15.7	15.7	38.0	38.0	15.7	15.7	38.0	38.0	38.0			
LOW	0.0	0.0	0.0	0.0	2.7	0.0	0.0	0.0	5.4	5.4	2.8	2.8	5.4	5.4	2.8	0.0	0.0			
AVERAGE	642 1.6	1254 1.8	852 3.5	2712 3.3	150 4.5	846 4.0	96 3.9	48 8.5	90 7.6	90 7.6	108 8.1	108 8.1	90 7.6	90 7.6	108 8.1	6750 3.2	3.2			
CONTRASTING CLASSES	822 2.5	408 2.4	972 3.8	540 3.6	102 6.1	198 4.4	48 8.5	0 0.0	0 0.0	0 0.0	66 6.6	66 6.6	0 0.0	0 0.0	66 6.6	3156 3.5	3.5			
HIGH	0.6	0.0	2.0	2.0	2.5	2.0	4.5	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.5	4.5			
LOW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
AVERAGE	516 0.0	792 0.0	186 0.3	696 0.1	42 0.5	366 0.0	78 1.2	6 5.5	18 0.0	18 0.0	6 0.0	6 0.0	18 0.0	18 0.0	6 0.0	2700 0.1	0.1			
OTHER CLASSES	0 0.0	6 1.0	18 1.2	18 1.4	6 1.0	6 2.6	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	60 1.8	1.8			
HIGH	0.0	0.0	4.3	4.0	9.4	8.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.4	9.4			
LOW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
AVERAGE	510 0.0	792 0.0	162 0.2	642 0.1	60 3.6	366 0.2	54 0.0	0 0.0	18 0.0	18 0.0	6 0.0	6 0.0	18 0.0	18 0.0	6 0.0	2610 0.1	0.1			
TOTAL	0 0.0	0 0.0	18 3.8	6 4.6	24 6.1	24 8.2	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	72 6.1	6.1			

* TEST WEIGHT IN POUNDS.

** 1967 IDAHO, MINNESOTA, NORTH DAKOTA, AND SOUTH DAKOTA NOT INCLUDED.
1968 IDAHO AND NORTH DAKOTA NOT INCLUDED.

HARD RED SPRING WHEAT TEST WEIGHT
FREQUENCY DISTRIBUTION OF INSPECTED RECEIPTS,
BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1968 CROP
ALL INSPECTIONS
ALL STATES

POUNDS	NO. 1 HEAVY NUMBER	NO. 1 NUMBER	NO. 2 HEAVY NUMBER	GRADE			NO. 4 NUMBER	NO. 5 NUMBER	SAMPLE GRADE NUMBER	ALL GRADES NUMBER
				NO. 2 NUMBER	NO. 3 HEAVY NUMBER	NO. 3 NUMBER				
65.0 - 68.0	0	0	0	0	0	0	0	0	0	0
62.0 - 64.9	342	0	60	0	12	0	0	0	0	414
60.0 - 61.9	3126	0	954	0	174	0	24	30	6	4314
59.0 - 59.9	0	2688	0	1014	0	192	24	18	48	3984
58.0 - 58.9	0	2130	0	924	0	108	18	18	12	3210
57.0 - 57.9	0	0	0	1590	0	72	6	0	12	1680
56.0 - 56.9	0	0	0	0	0	480	6	0	12	498
55.0 - 55.9	0	0	0	0	0	132	0	6	12	150
54.0 - 54.9	0	0	0	0	0	0	36	0	0	36
53.0 - 53.9	0	0	0	0	0	0	6	0	6	12
52.0 - 52.9	0	0	0	0	0	0	0	12	6	18
51.0 - 51.9	0	0	0	0	0	0	0	6	0	6
50.9 AND UNDER	0	0	0	0	0	0	0	0	0	0
NO INFORMATION	0	0	0	0	0	0	0	0	0	0
*MEAN 1968	60.8	58.9	60.7	58.2	61.0	57.1	57.3	57.8	57.6	59.2
**MEAN 1967	61.2	59.1	60.9	58.8	60.8	57.5	56.7	59.0	59.7	60.0
MEAN 1966	60.8	58.8	60.6	58.1	60.6	56.7	55.4	54.8	55.3	58.1

* 1968 IDAHO AND NORTH DAKOTA NOT INCLUDED.

** 1967 IDAHO, MINNESOTA, NORTH DAKOTA, AND SOUTH DAKOTA NOT INCLUDED.

HARD RED SPRING WHEAT MOISTURE
PERCENTAGE CONTENT FREQUENCY DISTRIBUTION OF INSPECTED RECEIPTS,
BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1968 CROP
ALL INSPECTIONS
ALL STATES

PERCENT	NO. 1 HEAVY NUMBER	NO. 1 NUMBER	GRADE			NO. 3 HEAVY NUMBER	NO. 3 NUMBER	NO. 4 NUMBER	NO. 5 NUMBER	SAMPLE GRADE NUMBER	ALL GRADES NUMBER
			NO. 2 HEAVY NUMBER	NO. 2 NUMBER	NO. 3 NUMBER						
6.5 - 9.0	0	0	0	0	0	0	0	0	6	0	6
9.1 - 10.0	24	30	24	42	6	24	24	0	0	6	156
10.1 - 10.5	72	36	72	78	12	12	12	6	0	0	288
10.6 - 11.0	318	162	96	222	24	78	78	6	12	0	918
11.1 - 11.5	426	234	192	306	6	96	96	30	30	0	1320
11.6 - 12.0	744	648	246	570	72	156	156	12	12	30	2490
12.1 - 12.5	672	768	144	594	42	216	216	18	0	24	2478
12.6 - 13.0	600	1080	156	582	6	144	144	18	12	36	2634
13.1 - 13.5	366	882	48	504	12	90	90	24	6	0	1932
13.6 - 14.0	180	492	18	324	6	72	72	6	6	0	1104
14.1 - 14.5	48	336	12	150	0	30	30	0	6	12	594
14.6 - 15.0	12	138	6	102	0	24	24	0	0	6	288
15.1 - 16.0	6	12	0	54	0	30	30	0	0	0	102
16.1 AND OVER	0	0	0	0	0	12	12	0	0	0	12
NO INFORMATION	0	0	0	0	0	0	0	0	0	0	0
*MEAN 1968	12.2	12.8	11.9	12.6	11.9	12.5	12.5	12.2	11.9	12.6	12.5
**MEAN 1967	11.4	11.5	11.0	10.9	11.3	11.0	11.0	12.1	0.0	11.7	11.2
MEAN 1966	11.7	12.1	11.3	12.0	11.8	12.3	12.3	12.3	12.3	12.6	12.0

* 1968 IDAHO AND NORTH DAKOTA NOT INCLUDED.

** 1967 IDAHO, MINNESOTA, NORTH DAKOTA, AND SOUTH DAKOTA NOT INCLUDED.

HARD RED SPRING WHEAT TOTAL DAMAGE
PERCENTAGE CONTENT FREQUENCY DISTRIBUTION OF INSPECTED RECEIPTS,
BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1968 CROP
ALL INSPECTIONS
ALL STATES

PERCENT	NO. 1 HEAVY		NO. 2 HEAVY		GRADE NO. 3 HEAVY		NO. 3		NO. 4		NO. 5		SAMPLE GRADE		ALL GRADES	
	NUMBER	NO. 1 NUMBER	NUMBER	NO. 2 NUMBER	NUMBER	NO. 3 NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
.0	306	504	120	348	6	162	24	12	0	1482						
.1 - 1.0	336	696	648	1644	102	396	54	48	3984							
1.1 - 1.5	0	30	18	186	6	66	12	0	324							
1.6 - 2.0	0	12	30	168	6	36	0	6	264							
2.1 - 2.5	0	0	6	114	6	12	0	0	138							
2.6 - 3.0	0	0	0	66	6	18	0	0	96							
3.1 - 3.5	0	0	0	18	6	12	0	0	36							
3.6 - 4.0	0	0	0	0	0	48	0	0	54							
4.1 - 4.5	0	0	0	0	0	12	0	0	12							
4.6 - 5.0	0	0	0	0	0	24	0	0	24							
5.1 - 6.0	0	0	0	0	0	18	0	0	24							
6.1 - 7.0	0	0	0	0	0	0	0	0	0							
7.1 - 8.0	0	0	0	0	0	0	0	0	0							
8.1 - 10.0	0	0	0	0	0	0	6	0	6							
10.1 - 12.5	0	0	0	0	0	0	0	6	6							
12.6 - 15.0	0	0	0	0	0	0	0	6	12							
15.1 AND OVER	0	0	0	0	0	0	0	0	12							
NO INFORMATION	2826	3576	192	984	48	180	24	12	7848							
*MEAN 1968	0.1	0.3	0.5	0.7	1.0	1.1	1.0	2.4	0.7							
**MEAN 1967	0.6	0.5	1.3	0.8	3.1	1.2	6.2	0.0	1.1							
MEAN 1966	0.3	0.4	0.5	1.0	1.8	2.4	4.6	8.6	2.2							

* 1968 IDAHO AND NORTH DAKOTA NOT INCLUDED.

** 1967 IDAHO, MINNESOTA, NORTH DAKOTA, AND SOUTH DAKOTA NOT INCLUDED.

HARD RED SPRING WHEAT FOREIGN MATERIAL
PERCENTAGE CONTENT FREQUENCY DISTRIBUTION OF INSPECTED RECEIPTS,
BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1968 CROP
ALL INSPECTIONS
ALL STATES

PERCENT	NO. 1 HEAVY			NO. 2 HEAVY			GRADE NO. 3 HEAVY			NO. 4			NO. 5			SAMPLE GRADE			ALL GRADES		
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
0.0	180	252	0	0	0	0	0	0	72	6	0	0	0	0	0	0	0	0	570		
0.1 - 0.5	462	1008	498	2148	18	540	48	1290	24	4818						72			4818		
0.6 - 1.0	0	0	450	702	12	90	12	24	0	1290						24			1290		
1.1 - 1.5	0	0	0	0	96	96	0	204	6	204						6			204		
1.6 - 2.0	0	0	0	0	30	54	0	84	0	84						0			84		
2.1 - 2.5	0	0	0	0	0	0	24	24	0	24						0			24		
2.6 - 3.0	0	0	0	0	0	0	6	6	0	6						0			6		
3.1 - 3.5	0	0	0	0	0	0	0	24	0	24						0			24		
3.6 - 4.0	0	0	0	0	0	0	0	30	0	30						0			30		
4.1 - 4.5	0	0	0	0	0	0	0	0	0	0						0			0		
4.6 - 5.0	0	0	0	0	0	0	0	6	0	6						0			6		
5.1 - 6.0	0	0	0	0	0	0	0	0	0	0						0			0		
6.1 - 8.0	0	0	0	0	0	0	0	6	0	6						0			6		
8.1 - 10.0	0	0	0	0	0	0	0	0	0	0						0			0		
10.1 - 15.0	0	0	0	0	0	0	0	0	0	0						0			0		
NO INFORMATION	2826	3558	66	618	30	132	24	7260	0	7260						6			7260		
*MEAN 1968	0.2	0.3	0.5	0.5	1.2	0.6	1.0	2.7	0.9	0.5						0.9			0.5		
**MEAN 1967	0.3	0.3	0.4	0.4	0.4	0.5	0.6	0.0	0.5	0.4						0.5			0.4		
MEAN 1966	0.3	0.3	0.4	0.5	0.8	0.5	0.6	0.8	0.6	0.5						0.6			0.5		

* 1968 IDAHO AND NORTH DAKOTA NOT INCLUDED.
** 1967 IDAHO, MINNESOTA, NORTH DAKOTA, AND SOUTH DAKOTA NOT INCLUDED.

HARD RED SPRING WHEAT SHRUNKEN AND BROKEN KERNELS
 PERCENTAGE CONTENT FREQUENCY DISTRIBUTION OF INSPECTED RECEIPTS,
 BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1968 CROP
 ALL INSPECTIONS
 ALL STATES

PERCENT	NO. 1 HEAVY		NO. 2 HEAVY		GRADE NO. 2		GRADE NO. 3 HEAVY		NO. 3		NO. 4		NO. 5		SAMPLE GRADE NUMBER	ALL GRADES NUMBER
	NUMBER		NUMBER		NUMBER		NUMBER		NUMBER		NUMBER		NUMBER			
0.0	180		246		30		108		72		6		0		0	642
0.1 - 1.0	114		222		54		402		126		30		6		18	972
1.1 - 2.0	210		552		156		684		204		24		30		30	1962
2.1 - 2.5	102		162		114		294		96		6		12		12	828
2.6 - 3.0	36		78		270		558		132		24		12		30	1170
3.1 - 3.5	0		0		162		360		72		0		12		6	618
3.6 - 4.0	0		0		90		258		24		0		0		6	378
4.1 - 4.5	0		0		6		90		42		0		6		6	156
4.6 - 5.0	0		0		6		48		24		0		6		0	84
5.1 - 6.0	0		0		0		0		48		0		6		0	54
6.1 - 7.0	0		0		0		0		6		0		0		0	12
7.1 - 8.0	0		0		0		0		6		0		0		0	6
8.1 - 9.0	0		0		0		0		0		6		0		0	6
9.1 AND OVER	0		0		0		0		0		0		0		0	0
NO INFORMATION	2826		3558		126		726		132		24		0		6	7434
*MEAN 1968	1.2		1.3		2.6		2.3		2.4		1.9		2.8		2.3	2.1
**MEAN 1967	1.6		1.8		2.9		3.4		4.5		4.6		14.0		2.2	2.9
MEAN 1966	1.9		1.8		3.1		2.4		2.3		2.3		2.2		2.3	2.4

* 1968 IDAHO AND NORTH DAKOTA NOT INCLUDED.
 ** 1967 IDAHO, MINNESOTA, NORTH DAKOTA, AND SOUTH DAKOTA NOT INCLUDED.

HARD RED SPRING WHEAT TOTAL DEFECTS
PERCENTAGE CONTENT FREQUENCY DISTRIBUTION OF INSPECTED RECEIPTS,
BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1968 CROP
ALL INSPECTIONS
ALL STATES

PERCENT	NO. 1 HEAVY		NO. 2 HEAVY		GRADE NO. 2		GRADE NO. 3		NO. 4		NO. 5		SAMPLE GRADE NUMBER	ALL GRADES NUMBER
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER		
0.0	180	246	30	108	0	72	0	6	0	0	0	0	0	642
0.1 - 1.0	6	6	0	6	0	6	0	0	0	0	0	0	0	24
1.1 - 2.0	180	336	30	96	0	36	0	18	0	0	0	0	0	696
2.1 - 2.5	120	306	36	246	0	66	0	0	0	0	0	0	0	774
2.6 - 3.0	156	360	54	324	6	96	18	0	0	0	0	0	6	1020
3.1 - 3.5	0	0	282	642	18	54	0	0	0	0	0	0	24	1020
3.6 - 4.0	0	0	246	750	30	120	18	0	0	0	0	0	12	1176
4.1 - 4.5	0	0	102	312	18	72	12	0	0	0	0	0	12	528
4.6 - 5.0	0	0	72	228	36	48	0	0	0	0	0	0	6	390
5.1 - 6.0	0	0	0	0	36	174	12	0	0	0	0	0	18	258
6.1 - 7.0	0	0	0	0	6	60	0	0	0	0	0	0	6	114
7.1 - 8.0	0	0	0	0	0	42	0	0	0	0	0	0	0	60
8.1 - 9.0	0	0	0	0	0	0	0	6	0	0	0	0	6	12
9.1 - 11.0	0	0	0	0	0	0	0	6	0	0	0	0	0	6
11.1 - 12.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12.1 - 15.0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
15.1 - 20.0	0	0	0	0	0	0	0	0	0	0	0	0	6	12
20.1 - 25.0	0	0	0	0	0	0	0	0	0	0	0	0	6	6
25.1 AND OVER	0	0	0	0	0	0	0	0	0	0	0	0	6	6
NO INFORMATION	2826	3564	162	816	36	138	24	0	0	0	0	0	6	7572
*MEAN 1968	1.6	1.8	3.5	3.3	4.5	4.0	3.9	7.6	8.1	3.2				
**MEAN 1967	2.5	2.4	3.8	3.6	6.1	4.4	8.5	0.0	6.6	3.5				
MEAN 1966	2.3	2.4	3.8	3.9	5.2	5.2	7.1	10.6	18.6	4.9				

* 1968 IDAHO AND NORTH DAKOTA NOT INCLUDED.
** 1967 IDAHO, MINNESOTA, NORTH DAKOTA, AND SOUTH DAKOTA NOT INCLUDED.

HARD RED WINTER WHEAT
INSPECTED RECEIPTS, DESIGNATED STATES,
2 MONTHS FOLLOWING HARVEST, 1968 CROP
ALL INSPECTIONS

STATES	GRADES										SPECIAL GRADES				SUBCLASSES							
	NO. 1		NO. 2		NO. 3		NO. 4		NO. 5		SAMPLE		TOUGH		WEEV-ILY		GAR-LICKY		DARK HARD WINTER		YELLOW HARD WINTER	
	NUMBER	HEAVY	NUMBER	HEAVY	NUMBER	HEAVY	NUMBER	HEAVY	NUMBER	HEAVY	GRADE	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	
CALIFORNIA	440	110	30	60	20	20	0	0	0	0	0	680	0	0	0	0	0	0	570	110	0	0
ILLINOIS	100	730	10	120	10	0	0	0	0	0	0	970	130	0	0	10	10	10	10	120	840	840
KANSAS	15110	10980	3660	4400	470	400	50	40	80	35190	6270	0	40	6290	15760	13140	3400	3400	3400	3400	3400	3400
MISSOURI	1970	2240	650	940	100	240	30	10	90	6270	1090	10	30	240	2630	3400	3400	3400	3400	3400	3400	3400
MONTANA	2920	520	110	90	20	10	0	0	0	3670	120	0	0	1600	1240	830	830	830	830	830	830	830
NEBRASKA	6030	3580	3360	1890	320	150	60	30	100	15520	460	0	0	950	13330	1240	1240	1240	1240	1240	1240	1240
OKLAHOMA	9180	5070	400	1340	140	340	90	30	50	16640	3260	0	0	1010	9090	6540	6540	6540	6540	6540	6540	6540
SOUTH DAKOTA	1000	1520	140	590	10	100	40	10	0	3410	150	0	0	800	2090	520	520	520	520	520	520	520
TEXAS	3820	1230	340	360	140	60	20	10	30	6010	250	20	0	4550	1280	180	180	180	180	180	180	180
UTAH	1410	1030	520	1290	260	1240	410	150	40	6350	210	10	10	3850	1960	540	540	540	540	540	540	540
* ALL STATES	41980	27010	9220	11080	1490	2560	700	280	390	94710	11940	40	90	19870	47610	27230	27230	27230	27230	27230	27230	27230
% 1968 CROP YEAR	44.3	28.5	9.7	11.7	1.6	2.7	0.7	0.3	0.4	100.0	12.6	0.0	0.1	21.0	50.3	28.8	28.8	28.8	28.8	28.8	28.8	28.8
% 1967 CROP YEAR	19.9	40.5	4.2	28.6	1.1	4.0	0.8	0.4	0.4	100.0	31.5	0.1	0.1	34.9	47.4	17.7	17.7	17.7	17.7	17.7	17.7	17.7
% 1966 CROP YEAR	60.1	22.0	5.7	8.6	0.9	1.4	0.6	0.3	0.4	100.0	15.0	0.0	0.1	47.0	48.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
**COLORADO		5060		1590		170	20	10	20	6870												
**IDAHO		890		890		780	180	50	80	2870												
**WASHINGTON		1200		340		220	20	0	40	1820												

* COLORADO, IDAHO, AND WASHINGTON NOT INCLUDED.

** INFORMATION NOT AVAILABLE ON SPECIAL GRADES AND SUBCLASSES.

HARD RED WINTER. THE QUALITY OF THIS YEAR'S CROP IMPROVED FROM 1967 WITH A DRYER HARVEST. MORE THAN TWICE AS MUCH GRADED NO. 1 HEAVY AS A YEAR EARLIER; HOWEVER, THE 1968 CROP STILL DID NOT COMPARE TO THE GOOD QUALITY OF THE 1966 CROP. THE SPECIAL GRADE TOUGH DECREASED TO 12.6 PERCENT IN 1968 FROM 31.5 PERCENT IN 1967 AND 15.0 PERCENT IN 1966. THE 1968 MEAN TEST WEIGHT WAS ABOUT THE SAME AS IN 1967, BUT 1.4 POUNDS LESS THAN THE 62.3 POUNDS IN 1966.

DAVIDSON FORMS INC. MINNEAPOLIS, MINN.

HARD RED WINTER WHEAT
RANGE, AVERAGE PERCENTAGE CONTENT AND TOTAL NUMBER OF RECEIPTS FOR SPECIFIC GRADE FACTORS
BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1968 CROP AND 1967 CROP AVERAGE
ALL INSPECTIONS
ALL STATES**

QUALITY FACTOR	GRADE																SAMPLE GRADE		ALL GRADES	
	NO. 1 HEAVY		NO. 2 HEAVY		NO. 2		NO. 3 HEAVY		NO. 3		NO. 4		NO. 5		NO. 5		NO.	PCT.		
	NO.	PCT.	NO.	PCT.	NO.	PCT.	NO.	PCT.	NO.	PCT.	NO.	PCT.	NO.	PCT.	NO.	PCT.				
DOCKAGE																				
HIGH		2.4	9.7	1.7	9.1	2.2	7.2	61.8	64.0	63.3	4.7	3.7	1.7	9.7						
LOW		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.7	0.7	0.0						
AVERAGE	1968	8940	0.7	8450	0.8	6030	0.7	6930	0.9	1080	0.8	1970	1.2	560	1.3	210	1.4	34480		
1967	6800	0.6	10470	0.5	3020	0.8	12490	0.6	810	0.8	2740	1.0	630	1.2	310	1.7	220	37490		
TEST WEIGHT *																				
HIGH		68.0	61.9	64.8	61.9	64.0	61.8	64.0	61.8	63.3	63.3	63.3	63.7	63.7				68.0		
LOW		62.0	60.0	62.0	58.0	62.0	56.0	62.0	56.0	54.2	54.2	52.3	52.2	52.2				52.2		
AVERAGE	1968	41980	62.7	27010	61.1	9220	62.6	11070	60.3	1490	62.6	2560	59.4	700	59.4	280	59.2	94700		
1967	18760	62.7	38270	60.8	3970	62.8	27010	59.4	1010	62.8	3820	58.4	770	60.3	390	60.0	400	94400		
MOISTURE																				
HIGH		16.4	16.6	14.7	17.5	14.2	17.0	14.2	17.0	15.1	15.1	15.3	14.9	14.9				17.5		
LOW		8.3	8.0	8.8	8.4	8.2	7.4	8.2	7.4	8.8	8.8	10.0	11.2	11.2				7.4		
AVERAGE	1968	40770	12.3	26270	12.9	8750	11.7	10330	12.7	1290	11.7	1810	12.5	340	12.6	180	12.4	90100		
1967	14500	12.4	36560	13.4	2100	11.2	25760	13.4	310	10.9	3350	13.3	530	13.0	200	13.2	280	83590		
HEAT DAMAGE																				
HIGH		0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	2.0				2.0		
LOW		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	1.4				0.0		
AVERAGE	1968	1020	0.0	1520	0.0	150	0.0	590	0.0	10	0.0	100	0.0	40	0.0	10	0.0	3460		
1967	0	0.0	0	0.0	0	0.0	0.0	20	0.2	10	0.4	10	0.3	10	0.3	0	0.0	60		
TOTAL DAMAGE																				
HIGH		2.0	2.0	3.7	3.5	7.0	7.0	7.0	7.0	10.0	10.0	15.0	37.2	37.2				37.2		
LOW		0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.3	0.2	0.2				0.0		
AVERAGE	1968	16050	0.5	12420	0.5	5380	0.7	6810	0.8	830	1.9	1630	1.8	420	4.4	160	7.8	44000		
1967	9470	0.4	28120	0.6	1040	1.0	20130	0.8	170	2.6	2600	1.5	450	5.2	160	9.1	240	62380		
FOREIGN MATERIAL																				
HIGH		0.5	0.5	1.0	1.0	2.0	2.0	2.0	2.0	3.0	3.0	5.0	9.5	9.5				9.5		
LOW		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.1				0.0		
AVERAGE	1968	17410	0.2	13980	0.2	6830	0.2	7450	0.3	1150	0.6	1490	0.7	460	1.6	170	3.0	49250		
1967	9390	0.1	25540	0.2	2290	0.5	19830	0.2	700	1.2	2920	0.5	660	1.6	370	2.7	340	62040		
SHRUNKEN & BROKEN																				
HIGH		3.0	3.0	5.0	5.0	8.0	7.6	8.0	8.0	10.8	10.8	10.0	16.0	16.0				16.0		
LOW		0.0	0.0	0.0	0.0	0.3	0.0	0.3	0.0	0.8	0.8	0.4	0.8	0.8				0.0		
AVERAGE	1968	35750	1.6	24480	1.5	9140	3.3	10670	2.5	1450	3.7	2520	2.6	680	3.9	270	3.2	85350		
1967	12300	1.4	34160	1.3	3670	3.1	26270	1.7	890	3.3	3680	2.2	730	2.8	370	2.5	330	82400		
TOTAL DEFECTS																				
HIGH		3.0	3.0	5.0	5.0	8.0	8.0	8.0	8.0	11.7	11.7	17.0	38.8	38.8				38.8		
LOW		0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.0	2.8	2.8	4.0	1.7	1.7				0.0		
AVERAGE	1968	34760	1.9	23700	1.9	8830	3.8	10080	3.2	1340	5.2	2170	4.3	610	7.8	250	9.9	82130		
1967	9820	1.7	33420	2.0	2140	3.6	25160	2.4	600	4.7	3330	3.4	630	7.3	360	9.0	340	75800		
CONTRASTING CLASSES																				
HIGH		0.0	0.0	0.5	1.0	3.0	3.0	3.0	3.0	10.0	10.0	7.0	0.0	0.0				10.0		
LOW		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				0.0		
AVERAGE	1968	16110	0.0	12500	0.0	3810	0.0	5010	0.0	540	0.2	560	0.1	140	2.0	70	1.7	38820		
1967	100	0.6	20	0.8	90	1.4	50	1.1	70	1.5	40	2.1	50	4.7	10	1.0	0	430		
OTHER CLASSES																				
HIGH		3.0	3.0	5.0	5.0	10.0	10.0	10.0	10.0	10.0	10.0	5.0	0.0	0.0				10.0		
LOW		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				0.0		
AVERAGE	1968	16270	0.0	13200	0.1	3930	0.1	5360	0.3	650	2.1	1210	4.5	120	1.3	60	0.8	40880		
1967	600	2.3	540	2.1	330	4.2	180	4.1	370	7.3	320	8.6	50	7.0	60	7.0	30	2480		

* TEST WEIGHT IN POUNDS.

** 1967 COLORADO, IDAHO, SOUTH DAKOTA, AND WASHINGTON NOT INCLUDED. 1968 COLORADO, IDAHO, AND WASHINGTON NOT INCLUDED.

HARD RED WINTER WHEAT TEST WEIGHT
FREQUENCY DISTRIBUTION OF INSPECTED RECEIPTS,
BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1968 CROP
ALL INSPECTIONS
ALL STATES

POUNDS	NO. 1 HEAVY	NO. 1 NUMBER	NO. 2 HEAVY	NO. 2 NUMBER	GRADE		NO. 3 HEAVY	NO. 3 NUMBER	NO. 4 NUMBER	NO. 5 NUMBER	SAMPLE GRADE NUMBER	ALL GRADES NUMBER
					NO. 2	NO. 3						
65.0 - 68.0	90	0	0	0	0	0	0	0	0	0	0	90
62.0 - 64.9	41890	0	9220	0	0	1490	0	0	140	70	130	52940
60.0 - 61.9	0	27010	0	0	6540	0	1150	200	80	30	200	35180
59.0 - 59.9	0	0	0	0	3370	0	380	60	30	0	0	3840
58.0 - 58.9	0	0	0	0	1160	0	220	70	20	0	30	1500
57.0 - 57.9	0	0	0	0	0	0	620	100	10	0	10	740
56.0 - 56.9	0	0	0	0	0	0	190	20	10	0	0	220
55.0 - 55.9	0	0	0	0	0	0	0	80	0	0	0	80
54.0 - 54.9	0	0	0	0	0	0	0	30	10	0	0	40
53.0 - 53.9	0	0	0	0	0	0	0	0	20	0	10	30
52.0 - 52.9	0	0	0	0	0	0	0	0	30	0	10	40
51.9 AND UNDER	0	0	0	0	0	0	0	0	0	0	0	0
NO INFORMATION	0	0	0	0	10	0	0	0	0	0	0	10
*MEAN 1968	62.7	61.1	62.6	60.3	62.6	62.6	59.4	59.4	59.2	60.8	61.8	
**MEAN 1967	62.7	60.8	62.8	59.4	62.8	62.8	58.4	60.3	60.0	60.4	60.8	
MEAN 1966	62.9	61.2	62.6	60.5	62.6	62.6	60.7	62.0	61.5	61.1	62.3	

* 1968 COLORADO, IDAHO, AND WASHINGTON NOT INCLUDED.
** 1967 COLORADO, IDAHO, SOUTH DAKOTA, AND WASHINGTON NOT INCLUDED.

HARD RED WINTER WHEAT MOISTURE
PERCENTAGE CONTENT FREQUENCY DISTRIBUTION OF INSPECTED RECEIPTS,
BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1968 CROP
ALL INSPECTIONS
ALL STATES

PERCENT	NO. 1 HEAVY			NO. 2 HEAVY			GRADE NO. 3 HEAVY			NO. 3			NO. 4			NO. 5			SAMPLE GRADE			ALL GRADES		
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
6.5 - 9.0	30		30	20		20	10		20		20		10		10	0		0	0		0		140	
9.1 - 10.0	590		590	270		270	60		30		30		0		0	10		0	0		0		1140	
10.1 - 10.5	1080		1080	770		770	120		70		70		0		0	0		0	0		0		2370	
10.6 - 11.0	2700		2700	1080		1080	200		120		120		20		20	20		0	0		0		5100	
11.1 - 11.5	4580		4580	1820		1820	230		180		180		30		30	10		30	30		30		9060	
11.6 - 12.0	7250		7250	2000		2000	220		270		270		50		50	10		120	120		120		14340	
12.1 - 12.5	7680		7680	1350		1350	160		300		300		30		30	70		90	90		90		15680	
12.6 - 13.0	7730		7730	1010		1010	190		240		240		90		90	10		30	30		30		17420	
13.1 - 13.5	5260		5260	320		320	50		240		240		50		50	20		50	50		50		12910	
13.6 - 14.0	2450		2450	80		80	40		100		100		30		30	20		20	20		20		4730	
14.1 - 14.5	920		920	20		20	10		110		110		10		10	0		10	10		10		3180	
14.6 - 15.0	370		370	10		10	0		110		110		10		10	0		10	10		10		1320	
15.1 - 16.0	120		120	0		0	0		10		10		10		10	10		0	0		0		620	
16.1 AND OVER	10		10	0		0	0		10		10		0		0	0		0	0		0		90	
NO INFORMATION	1210		1210	470		470	200		750		750		360		360	100		30	30		30		4610	
*MEAN 1968	12.3		12.3	11.7		11.7	11.7		12.5		12.5		12.6		12.6	12.4		12.5	12.5		12.5		12.5	
**MEAN 1967	12.4		12.4	11.2		11.2	10.9		13.3		13.3		13.0		13.0	13.2		13.2	13.2		13.2		13.1	
MEAN 1966	12.3		12.3	12.0		12.0	12.3		12.4		12.4		12.2		12.2	12.3		12.0	12.0		12.0		12.4	

* 1968 COLORADO, IDAHO, AND WASHINGTON NOT INCLUDED.

** 1967 COLORADO, IDAHO, SOUTH DAKOTA, AND WASHINGTON NOT INCLUDED.

HARD RED WINTER WHEAT TOTAL DAMAGE
PERCENTAGE CONTENT FREQUENCY DISTRIBUTION OF INSPECTED RECEIPTS,
BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1968 CROP
ALL INSPECTIONS
ALL STATES

PERCENT	GRADE										ALL GRADES NUMBER
	NO. 1 HEAVY NUMBER	NO. 1 NUMBER	NO. 2 HEAVY NUMBER	NO. 2 NUMBER	NO. 3 HEAVY NUMBER	NO. 3 NUMBER	NO. 4 NUMBER	NO. 5 NUMBER	SAMPLE GRADE NUMBER		
.0	740	1180	90	280	0	70	20	0	0	2380	
.1 - 1.0	14920	10760	4660	5420	490	860	130	40	110	37390	
1.1 - 1.5	330	430	250	520	30	60	10	10	0	1640	
1.6 - 2.0	60	50	170	370	10	120	10	0	20	810	
2.1 - 2.5	0	0	60	80	20	30	0	0	0	190	
2.6 - 3.0	0	0	100	110	60	160	20	0	10	460	
3.1 - 3.5	0	0	30	30	30	30	0	0	10	130	
3.6 - 4.0	0	0	20	0	50	140	10	0	10	230	
4.1 - 4.5	0	0	0	0	40	20	10	0	0	70	
4.6 - 5.0	0	0	0	0	30	60	0	10	10	110	
5.1 - 6.0	0	0	0	0	30	50	40	0	10	130	
6.1 - 7.0	0	0	0	0	40	30	40	10	30	150	
7.1 - 8.0	0	0	0	0	0	0	90	0	10	100	
8.1 - 10.0	0	0	0	0	0	0	40	30	10	80	
10.1 - 12.5	0	0	0	0	0	0	0	20	0	20	
12.6 - 15.0	0	0	0	0	0	0	0	40	10	50	
15.1 AND OVER	0	0	0	0	0	0	0	0	60	60	
NO INFORMATION	25930	14590	3840	4270	660	930	280	120	90	50710	
**MEAN 1968	0.5	0.5	0.7	0.8	1.9	1.8	4.4	7.8	7.4	0.8	
**MEAN 1967	0.4	0.6	1.0	0.8	2.6	1.5	5.2	9.1	10.0	0.8	
MEAN 1966	0.6	0.7	1.1	1.0	2.4	2.5	6.4	8.1	8.9	0.8	

* 1968 COLORADO, IDAHO, AND WASHINGTON NOT INCLUDED.
** 1967 COLORADO, IDAHO, SOUTH DAKOTA, AND WASHINGTON NOT INCLUDED.

HARD RED WINTER WHEAT FOREIGN MATERIAL
PERCENTAGE CONTENT FREQUENCY DISTRIBUTION OF INSPECTED RECEIPTS,
BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1968 CROP
ALL INSPECTIONS
ALL STATES

PERCENT	NO. 1 HEAVY		NO. 1		NO. 2 HEAVY		NO. 2		GRADE NO. 3 HEAVY		NO. 3		NO. 4		NO. 5		SAMPLE GRADE		ALL GRADES	
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
0.0	420	570	10	90	0	0	0	0	0	0	20	0	0	0	0	0	0	0	1110	0
0.1 - 0.5	16990	13410	6120	6410	740	910	190	230	45050	230	50	190	230	45050	230	50	190	230	45050	230
0.6 - 1.0	0	0	700	950	40	80	20	1790	1790	0	0	20	1790	1790	0	0	20	1790	1790	0
1.1 - 1.5	0	0	0	0	220	290	0	520	520	10	0	0	520	520	10	0	10	520	520	10
1.6 - 2.0	0	0	0	0	150	190	20	360	360	0	0	20	360	360	0	0	20	360	360	0
2.1 - 2.5	0	0	0	0	0	0	110	110	110	0	0	110	110	110	0	0	0	110	110	0
2.6 - 3.0	0	0	0	0	0	0	120	120	120	0	0	120	120	120	0	0	0	120	120	0
3.1 - 3.5	0	0	0	0	0	0	0	20	20	0	0	0	20	20	0	0	0	20	20	0
3.6 - 4.0	0	0	0	0	0	0	0	40	40	0	0	0	40	40	0	0	0	40	40	0
4.1 - 4.5	0	0	0	0	0	0	0	40	40	0	0	0	40	40	0	0	0	40	40	0
4.6 - 5.0	0	0	0	0	0	0	0	20	20	0	0	0	20	20	0	0	0	20	20	0
5.1 - 6.0	0	0	0	0	0	0	0	20	20	0	0	0	20	20	0	0	20	20	20	0
6.1 - 8.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20	20	20	0
8.1 - 10.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30	30	30	0
10.1 - 15.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO INFORMATION	24570	13030	2390	3630	340	1070	240	110	45460	80	110	240	110	45460	80	110	240	110	45460	80
* MEAN 1968	0.2	0.2	0.2	0.3	0.6	0.7	1.6	3.0	0.3	1.9	0.7	1.6	3.0	0.3	1.9	0.7	1.9	3.0	0.3	1.9
** MEAN 1967	0.1	0.2	0.5	0.2	1.2	0.5	1.6	2.7	0.3	3.2	0.5	1.6	2.7	0.3	3.2	0.5	3.2	2.7	0.3	3.2
MEAN 1966	0.2	0.2	0.3	0.2	0.7	0.7	1.3	2.1	0.2	2.0	0.7	1.3	2.1	0.2	2.0	0.7	2.0	2.1	0.2	2.0

* 1968 COLORADO, IDAHO, AND WASHINGTON NOT INCLUDED.
** 1967 COLORADO, IDAHO, SOUTH DAKOTA, AND WASHINGTON NOT INCLUDED.

HARD RED WINTER WHEAT SHRUNKEN AND BROKEN KERNELS
PERCENTAGE CONTENT FREQUENCY DISTRIBUTION OF INSPECTED RECEIPTS,
BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1968 CROP
ALL INSPECTIONS
ALL STATES

PERCENT	NO. 1 HEAVY		NO. 2 HEAVY		GRADE NO. 3 HEAVY		NO. 3		NO. 4		NO. 5		SAMPLE GRADE		ALL GRADES	
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
0.0	410	560	30	130	0	30	0	0	0	0	0	0	0	0	1160	0
0.1 - 1.0	8950	6870	150	1280	130	210	40	30	40	30	30	30	30	30	17690	30
1.1 - 2.0	18130	11700	720	2760	340	1020	200	80	200	80	160	160	160	160	35110	160
2.1 - 2.5	4860	3530	450	1040	130	260	70	20	70	20	50	50	50	50	10410	50
2.6 - 3.0	3400	1820	1410	1430	70	250	30	40	30	40	80	80	80	80	8530	80
3.1 - 3.5	0	0	2860	1900	30	180	80	10	80	10	40	40	40	40	5100	40
3.6 - 4.0	0	0	2200	1350	90	70	50	20	50	20	20	20	20	20	3800	20
4.1 - 4.5	0	0	880	600	20	70	20	20	20	20	0	0	0	0	1610	0
4.6 - 5.0	0	0	440	180	130	130	10	0	10	0	0	0	0	0	890	0
5.1 - 6.0	0	0	0	0	380	220	40	20	40	20	0	0	0	0	660	0
6.1 - 7.0	0	0	0	0	100	70	10	0	10	0	0	0	0	0	180	0
7.1 - 8.0	0	0	0	0	30	10	20	10	20	10	0	0	0	0	70	0
8.1 - 9.0	0	0	0	0	0	0	70	10	70	10	0	0	0	0	80	0
9.1 - 11.0	0	0	0	0	0	0	40	10	40	10	0	0	0	0	50	0
11.1 - 12.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12.1 - 15.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15.1 - 20.0	0	0	0	0	0	0	0	0	0	0	10	10	10	10	10	10
20.1 - 25.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25.1 AND OVER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO INFORMATION	6230	2530	80	410	40	40	20	10	20	10	0	0	0	0	9360	0
*MEAN 1968	1.6	1.5	3.3	2.5	3.7	2.6	3.9	3.2	3.9	3.2	2.5	2.5	2.5	2.5	1.9	1.9
**MEAN 1967	1.4	1.3	3.1	1.7	3.3	2.2	2.8	2.5	2.8	2.5	2.1	2.1	2.1	2.1	1.6	1.6
MEAN 1966	1.5	1.6	2.6	2.5	2.4	3.0	2.1	2.2	2.1	2.2	2.7	2.7	2.7	2.7	1.8	1.8

* 1968 COLORADO, IDAHO, AND WASHINGTON NOT INCLUDED.
** 1967 COLORADO, IDAHO, SOUTH DAKOTA, AND WASHINGTON NOT INCLUDED.

HARD RED WINTER WHEAT TOTAL DEFECTS
PERCENTAGE CONTENT FREQUENCY DISTRIBUTION OF INSPECTED RECEIPTS,
BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1968 CROP
ALL INSPECTIONS
ALL STATES

PERCENT	GRADE												ALL GRADES NUMBER
	NO. 1 HEAVY NUMBER	NO. 1 NUMBER	NO. 2 HEAVY NUMBER	NO. 2 NUMBER	NO. 3 HEAVY NUMBER	NO. 3 NUMBER	NO. 4 NUMBER	NO. 5 NUMBER	SAMPLE GRADE NUMBER				
0.0	410	560	30	130	0	30	0	0	0	0	1160		
0.1 - 1.0	5310	3080	0	270	20	10	0	0	0	0	8690		
1.1 - 2.0	14470	10570	140	1810	20	270	0	0	0	20	27300		
2.1 - 2.5	6510	3790	180	730	80	170	0	0	0	40	11500		
2.6 - 3.0	8060	5700	160	560	50	250	10	0	0	10	14800		
3.1 - 3.5	0	0	2400	1750	90	180	20	0	0	10	4450		
3.6 - 4.0	0	0	3030	2320	80	130	10	10	10	40	5620		
4.1 - 4.5	0	0	1640	1280	20	130	30	10	10	30	3140		
4.6 - 5.0	0	0	1250	1230	50	110	30	10	10	10	2690		
5.1 - 6.0	0	0	0	0	590	410	100	40	40	10	1150		
6.1 - 7.0	0	0	0	0	230	330	30	30	30	30	650		
7.1 - 8.0	0	0	0	0	110	150	40	30	30	10	340		
8.1 - 9.0	0	0	0	0	0	0	90	0	0	30	120		
9.1 - 11.0	0	0	0	0	0	0	190	10	10	40	240		
11.1 - 12.0	0	0	0	0	0	0	60	0	0	20	80		
12.1 - 15.0	0	0	0	0	0	0	0	70	20	20	90		
15.1 - 20.0	0	0	0	0	0	0	0	40	20	20	60		
20.1 - 25.0	0	0	0	0	0	0	0	0	30	30	30		
25.1 AND OVER	0	0	0	0	0	0	0	0	0	20	20		
NO INFORMATION	7220	3310	390	1000	150	390	90	30	0	0	12580		
*MEAN 1968	1.9	1.9	3.8	3.2	5.2	4.3	7.8	9.9	9.7	2.5			
**MEAN 1967	1.7	2.0	3.6	2.4	4.7	3.4	7.3	9.0	11.9	2.3			
MEAN 1966	2.0	2.3	3.7	3.5	4.9	5.5	8.7	10.9	10.5	2.5			

* 1968 COLORADO, IDAHO, AND WASHINGTON NOT INCLUDED.

** 1967 COLORADO, IDAHO, SOUTH DAKOTA, AND WASHINGTON NOT INCLUDED.

SOFT RED WINTER WHEAT
INSPECTED RECEIPTS, DESIGNATED STATES,
2 MONTHS FOLLOWING HARVEST, 1968 CROP
ALL INSPECTIONS

STATES		GRADES								SPECIAL GRADES				
		NO. 1 HEAVY	NO. 1	NO. 2 HEAVY	NO. 2	NO. 3 HEAVY	NO. 3	NO. 4	NO. 5	SAMPLE GRADE	TOTAL	TOUGH	WEEV- ILY	GAR- LUCKY
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
CALIFORNIA	420	2855	15	1375	5	395	75	75	75	30	5245	30	5	0
ILLINOIS	15	545	0	2945	0	485	55	55	10	15	4070	1195	15	865
INDIANA	0	165	0	315	0	65	5	5	5	10	565	210	0	5
MARYLAND	0	310	0	395	0	245	45	45	0	5	1000	305	5	585
MICHIGAN	0	55	0	105	0	25	0	0	0	0	185	75	0	5
MISSOURI	35	160	5	140	0	50	10	10	5	0	405	80	5	25
NEW YORK	0	80	0	290	0	25	0	0	5	30	430	185	5	30
OHIO	25	2705	0	4690	0	1865	275	275	30	85	9675	4820	20	125
PENNSYLVANIA	5	480	0	1150	0	815	415	415	165	40	3070	1675	15	1140
SOUTH CAROLINA	0	80	0	455	0	270	125	125	15	20	965	260	45	35
VIRGINIA	60	1270	0	2145	0	625	120	120	60	75	4355	1320	50	1525
ALL STATES	560	8705	20	14005	5	4865	1125	1125	370	310	29965	10155	165	4340
% 1968 CROP YEAR	1.9	29.1	0.1	46.7	0.0	16.2	3.8	3.8	1.2	1.0	100.0	33.9	0.6	14.5
* % 1967 CROP YEAR	3.3	35.0	0.1	44.2	0.0	12.9	2.9	2.9	0.8	0.7	100.0	59.6	0.2	20.9
***% 1966 CROP YEAR	8.3	38.2	0.2	39.2	0.0	11.7	1.5	1.5	0.4	0.5	100.0	16.3	0.3	22.1

* 1967 CALIFORNIA NOT INCLUDED.

** 1966 INCLUDES ARKANSAS AND KENTUCKY. CALIFORNIA NOT INCLUDED.

SOFT RED WINTER QUALITY HAS DECLINED SLIGHTLY DURING THE PAST THREE YEARS, BUT THE CROP WAS MUCH DRYER. THERE WAS NEARLY 5 PERCENT LESS OF THE 1968 CROP GRADING NO.2 OR BETTER, AND ABOUT 8 PERCENT LESS COMPARED TO 1966. THE SPECIAL GRADE TOUGH DECREASED 25.7 PERCENT FROM 1967 FIGURE OF 59.6 PERCENT, BUT WAS MUCH BETTER THAN THE 16.3 PERCENT IN 1966. THERE WAS SUBSTANTIALLY LESS GARLUCKY WHEAT IN 1968 COMPARED TO 1967 AND 1966.

SOFT RED WINTER WHEAT
RANGE, AVERAGE PERCENTAGE CONTENT AND TOTAL NUMBER OF RECEIPTS FOR SPECIFIC GRADE FACTORS
BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1968 CROP AND 1967 CROP AVERAGE
ALL INSPECTIONS
ALL STATES**

QUALITY FACTOR

	GRADE										SAMPLE GRADE		ALL GRADES	
	NO. 1 HEAVY	NO. 1	NO. 2 HEAVY	NO. 2	NO. 3 HEAVY	NO. 3	NO. 4	NO. 5	NO. PCT.	NO. PCT.	NO. PCT.	NO. PCT.	NO.	PCT.
DOCKAGE														
HIGH	3.2	5.2	2.2	11.2	1.7	18.2			12.7	19.7			19.7	
LOW	0.0	0.0	2.2	0.0	1.7	0.5			0.7	0.7			0.0	
AVERAGE	235	3490	5	6430	5	2900	670	255	2.7	215	2.2		14205	
1967	630	5350	30	7360	0	2450	815	280	1.1	190	1.1		17105	0.5
TEST WEIGHT *														
HIGH	67.2	61.9	64.0	61.8	62.3	61.5	61.3	61.5	61.5	60.0			67.2	
LOW	62.0	60.0	62.0	58.0	62.3	56.0	54.0	51.0	51.0	45.2			45.2	
AVERAGE	560	8705	20	13990	5	4865	1125	370	54.3	310	54.9		29950	59.0
1967	1575	16485	55	20835	0	6085	1385	380	55.1	325	56.6		47125	59.3
MOISTURE														
HIGH	14.5	17.6	11.9	19.5	0.0	19.0	21.0	20.0	20.0	23.5			23.5	
LOW	7.4	8.6	8.0	6.8	0.0	9.8	11.2	10.9	10.9	11.2			6.8	
AVERAGE	155	5840	10	12650	0	4480	1050	300	14.7	285	14.6		24770	13.5
1967	1575	16485	55	20830	0	6085	1385	380	16.3	325	15.3		47120	14.1
HEAT DAMAGE														
HIGH	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.5			0.5	
LOW	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1			0.1	
AVERAGE	0	5	0	15	0	0	0	0	0.0	15	0.3		35	0.2
1967	0	50	0	35	0	30	15	0	0.0	25	1.6		155	0.4
TOTAL DAMAGE														
HIGH	1.2	2.0	0.4	4.0	0.0	7.0	10.0	15.0	15.0	65.0			65.0	
LOW	0.1	0.0	0.4	0.1	0.0	0.1	0.1	0.3	0.3	0.4			0.0	
AVERAGE	75	2630	5	6505	0	3490	945	280	5.3	270	15.0		14200	1.9
1967	305	5495	10	10785	0	4785	1195	335	6.6	275	12.7		23185	1.7
FOREIGN MATERIAL														
HIGH	0.3	0.5	0.8	1.0	0.0	2.0	3.0	5.0	5.0	9.4			9.4	
LOW	0.0	0.0	0.8	0.0	0.0	0.1	0.1	0.1	0.1	0.1			0.0	
AVERAGE	80	1975	5	5125	0	2220	690	300	1.4	170	1.9		10565	0.4
1967	805	5105	50	8540	0	4115	1125	345	1.6	245	2.4		20330	0.4
SHRUNKEN & BROKEN														
HIGH	1.3	1.7	4.0	4.8	7.0	7.8	9.5	18.0	18.0	1.8			18.0	
LOW	0.1	0.1	1.8	0.1	7.0	0.1	0.0	0.1	0.1	0.1			0.0	
AVERAGE	90	2525	15	6125	5	2630	795	280	1.7	195	0.7		12660	0.9
1967	295	4775	10	9195	0	4140	1085	320	0.9	230	0.7		20050	0.7
TOTAL DEFECTS														
HIGH	2.1	3.0	4.3	5.0	7.3	8.0	11.9	18.2	18.2	61.8			61.8	
LOW	0.2	0.2	3.0	0.2	7.3	0.3	0.5	1.7	1.7	1.3			0.2	
AVERAGE	85	2525	15	6170	5	2685	810	290	7.9	200	16.9		12785	2.8
1967	280	4690	10	9215	0	4160	1085	320	8.7	230	16.5		19990	2.7
CONTRASTING CLASSES														
HIGH	0.0	0.0	0.0	0.0	0.0	0.0	3.4	0.0	0.0	0.0			3.4	
LOW	0.0	0.0	0.0	0.0	0.0	0.0	3.4	0.0	0.0	0.0			3.4	
AVERAGE	0	0	0	0	0	0	5	0	0.0	0	0.0		5	
1967	0	5	0	0	0	5	0	0	0.0	0	0.0		10	2.0
OTHER CLASSES														
HIGH	0.0	2.0	0.0	5.0	0.0	10.0	0.0	0.0	0.0	0.0			10.0	
LOW	0.0	2.0	0.0	0.9	0.0	2.0	0.0	0.0	0.0	0.0			0.9	
AVERAGE	0	20	0	230	0	75	0	0	0.0	0	0.0		325	3.1
1967	5	350	0	205	0	45	5	0	0.0	0	0.0		610	2.3

* TEST WEIGHT IN POUNDS.

** 1967 CALIFORNIA NOT INCLUDED.

SOFT RED WINTER WHEAT TEST WEIGHT
FREQUENCY DISTRIBUTION OF INSPECTED RECEIPTS,
BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1968 CROP
ALL INSPECTIONS
ALL STATES

POUNDS	NO. 1 HEAVY		NO. 1		NO. 2 HEAVY		NO. 2		GRADE NO. 3 HEAVY		NO. 3		NO. 4		NO. 5		SAMPLE GRADE		ALL GRADES	
	NUMBER		NUMBER		NUMBER		NUMBER		NUMBER		NUMBER		NUMBER		NUMBER		NUMBER		NUMBER	
65.0 - 68.0	5		0		0		0		0		0		0		0		0		5	
62.0 - 64.9	555		0		20		0		5		0		0		0		0		580	
60.0 - 61.9	0		8705		0		480		0		130		10		15		5		9345	
59.0 - 59.9	0		0		0		6900		0		105		20		20		35		7080	
58.0 - 58.9	0		0		0		6610		0		70		25		15		25		6745	
57.0 - 57.9	0		0		0		0		0		2870		30		20		35		2955	
56.0 - 56.9	0		0		0		0		0		1690		20		25		45		1780	
55.0 - 55.9	0		0		0		0		0		0		580		15		20		615	
54.0 - 54.9	0		0		0		0		0		0		440		20		50		510	
53.0 - 53.9	0		0		0		0		0		0		0		135		35		170	
52.0 - 52.9	0		0		0		0		0		0		0		45		10		55	
51.0 - 51.9	0		0		0		0		0		0		0		60		0		60	
50.0 - 50.9	0		0		0		0		0		0		0		0		10		10	
49.0 - 49.9	0		0		0		0		0		0		0		0		10		10	
45.0 - 48.9	0		0		0		0		0		0		0		0		30		30	
NO INFORMATION	0		0		0		15		0		0		0		0		0		15	
MEAN 1968	62.4		60.7		62.8		58.9		62.3		57.2		55.2		54.3		54.9		59.0	
* MEAN 1967	62.5		60.6		62.6		59.0		0.0		57.2		55.5		55.1		56.6		59.3	
**MEAN 1966	62.3		60.8		62.3		59.0		62.0		57.4		55.8		56.7		58.9		59.7	

* 1967 CALIFORNIA NOT INCLUDED.

** 1966 INCLUDES ARKANSAS AND KENTUCKY. CALIFORNIA NOT INCLUDED.

SOFT RED WINTER WHEAT MOISTURE
PERCENTAGE CONTENT FREQUENCY DISTRIBUTION OF INSPECTED RECEIPTS,
BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1968 CROP
ALL INSPECTIONS
ALL STATES

PERCENT	NO. 1 HEAVY		NO. 2 HEAVY		GRADE NO. 3 HEAVY		NO. 3		NO. 4		NO. 5		SAMPLE GRADE NUMBER	ALL GRADES NUMBER
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER		
6.5 - 9.0	10	5	5	5	0	0	0	0	0	0	0	0	0	25
9.1 - 10.0	5	10	0	0	0	0	5	0	0	0	0	0	0	20
10.1 - 10.5	0	40	0	0	0	0	0	0	0	0	0	0	0	65
10.6 - 11.0	0	75	0	0	0	0	50	0	0	5	0	0	0	185
11.1 - 11.5	5	160	0	0	0	0	65	5	0	0	0	10	10	350
11.6 - 12.0	30	420	5	5	0	0	135	10	10	10	10	10	10	1165
12.1 - 12.5	20	810	0	0	0	0	355	80	15	15	10	10	10	2485
12.6 - 13.0	40	1275	0	0	0	0	530	110	25	25	15	15	15	4415
13.1 - 13.5	20	1695	0	0	0	0	750	125	15	15	25	25	25	5905
13.6 - 14.0	15	795	0	0	0	0	755	90	50	50	40	40	40	4075
14.1 - 14.5	10	275	0	0	0	0	670	105	20	20	50	50	50	2485
14.6 - 15.0	0	165	0	0	0	0	540	150	40	40	35	35	35	1685
15.1 - 16.0	0	95	0	0	0	0	490	150	55	55	50	50	50	1335
16.1 AND OVER	0	20	0	0	0	0	135	225	65	65	40	40	40	575
NO INFORMATION	405	2865	10	1355	5	385	75	75	70	70	25	25	25	5195
MEAN 1968	12.4	13.1	9.9	13.5	0.0	13.9	14.7	14.7	14.7	14.7	14.6	14.6	14.6	13.5
*MEAN 1967	13.1	13.7	12.7	14.1	0.0	14.7	15.5	15.5	16.3	16.3	15.3	15.3	15.3	14.1
**MEAN 1966	12.1	12.6	12.1	13.0	13.8	13.2	13.2	13.2	13.1	13.1	12.9	12.9	12.9	12.8

* 1967 CALIFORNIA NOT INCLUDED.

** 1966 INCLUDES ARKANSAS AND KENTUCKY. CALIFORNIA NOT INCLUDED.

SOFT RED WINTER WHEAT TOTAL DAMAGE
PERCENTAGE CONTENT FREQUENCY DISTRIBUTION OF INSPECTED RECEIPTS,
BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1968 CROP
ALL INSPECTIONS
ALL STATES

PERCENT	NO. 1 HEAVY			NO. 2 HEAVY			GRADE NO. 3 HEAVY			NO. 4			NO. 5			SAMPLE GRADE			ALL GRADES		
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
.0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5		
.1 - 1.0	70	1715	5	2525	0	825	115	30	5305												
1.1 - 1.5	5	610	0	1480	0	580	90	5	2785												
1.6 - 2.0	0	300	0	1580	0	780	185	20	2870												
2.1 - 2.5	0	0	0	395	0	360	90	25	885												
2.6 - 3.0	0	0	0	295	0	475	120	35	950												
3.1 - 3.5	0	0	0	100	0	90	80	10	285												
3.6 - 4.0	0	0	0	130	0	185	75	55	445												
4.1 - 4.5	0	0	0	0	0	40	15	0	60												
4.6 - 5.0	0	0	0	0	0	55	35	15	110												
5.1 - 6.0	0	0	0	0	0	40	5	0	55												
6.1 - 7.0	0	0	0	0	0	60	30	10	110												
7.1 - 8.0	0	0	0	0	0	0	45	10	55												
8.1 - 10.0	0	0	0	0	0	0	60	10	100												
10.1 - 12.5	0	0	0	0	0	0	0	25	30												
12.6 - 15.0	0	0	0	0	0	0	0	30	40												
15.1 AND OVER	0	0	0	0	0	0	0	0	110												
NO INFORMATION	485	6075	15	7500	5	1375	180	90	15765												
MEAN 1968	0.4	0.8	0.4	1.3	0.0	2.0	3.2	5.3	1.9												
*MEAN 1967	0.6	0.8	2.0	1.2	0.0	2.1	4.1	6.6	1.7												
**MEAN 1966	0.4	1.1	0.9	1.3	0.9	1.9	3.9	12.4	1.6												

* 1967 CALIFORNIA NOT INCLUDED.

** 1966 INCLUDES ARKANSAS AND KENTUCKY. CALIFORNIA NOT INCLUDED.

SOFT RED WINTER WHEAT FOREIGN MATERIAL
 PERCENTAGE CONTENT FREQUENCY DISTRIBUTION OF INSPECTED RECEIPTS,
 BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1968 CROP
 ALL INSPECTIONS
 ALL STATES

PERCENT	NO. 1 HEAVY		NO. 2 HEAVY		GRADE NO. 2		GRADE NO. 3		NO. 4		NO. 5		SAMPLE GRADE NUMBER	ALL GRADES NUMBER
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER		
0.0	10	105	0	40	0	0	0	0	0	0	0	0	0	155
0.1 - 0.5	70	1870	0	4565	0	1910	0	590	170	115	115	115	9290	9290
0.6 - 1.0	0	0	5	520	0	85	0	55	40	5	5	5	710	710
1.1 - 1.5	0	0	0	0	0	130	0	5	0	5	5	5	140	140
1.6 - 2.0	0	0	0	0	0	95	0	10	10	0	0	0	115	115
2.1 - 2.5	0	0	0	0	0	0	0	5	0	0	0	0	5	5
2.6 - 3.0	0	0	0	0	0	0	0	25	0	0	0	0	25	25
3.1 - 3.5	0	0	0	0	0	0	0	0	15	0	0	0	15	15
3.6 - 4.0	0	0	0	0	0	0	0	0	20	5	5	5	25	25
4.1 - 4.5	0	0	0	0	0	0	0	0	30	0	0	0	30	30
4.6 - 5.0	0	0	0	0	0	0	0	0	15	5	5	5	20	20
5.1 - 6.0	0	0	0	0	0	0	0	0	0	10	10	10	10	10
6.1 - 8.0	0	0	0	0	0	0	0	0	0	20	20	20	20	20
8.1 - 10.0	0	0	0	0	0	0	0	0	0	5	5	5	5	5
10.1 - 15.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO INFORMATION	480	6730	15	8880	5	2645	435	70	140	19400	19400	19400	19400	19400
MEAN 1968	0.1	0.2	0.8	0.3	0.0	0.4	0.4	1.4	1.9	0.4	0.4	0.4	0.4	0.4
*MEAN 1967	0.3	0.3	0.8	0.3	0.0	0.5	0.7	1.6	2.4	0.7	0.7	0.7	0.7	0.7
**MEAN 1966	0.2	0.2	0.9	0.4	1.5	0.6	0.7	2.9	4.3	0.7	0.7	0.7	0.7	0.7

* 1967 CALIFORNIA NOT INCLUDED.

** 1966 INCLUDES ARKANSAS AND KENTUCKY. CALIFORNIA NOT INCLUDED.

SOFT RED WINTER WHEAT SHRUNKEN AND BROKEN KERNELS
 PERCENTAGE CONTENT FREQUENCY DISTRIBUTION OF INSPECTED RECEIPTS,
 BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1968 CROP
 ALL INSPECTIONS
 ALL STATES

PERCENT	NO. 1 HEAVY		NO. 1		NO. 2 HEAVY		NO. 2		GRADE NO. 3 HEAVY		NO. 3		NO. 4		NO. 5		SAMPLE GRADE		ALL GRADES	
	NUMBER		NUMBER		NUMBER		NUMBER		NUMBER		NUMBER		NUMBER		NUMBER		NUMBER		NUMBER	
0.0	0		0		0		0		0		0		5		0		0		5	
0.1 - 1.0	85		2310		0		4935		0		2030		670		200		170		10400	
1.1 - 2.0	5		215		5		975		0		515		105		40		25		1885	
2.1 - 2.5	0		0		0		5		0		10		0		10		0		25	
2.6 - 3.0	0		0		0		0		0		0		5		5		0		10	
3.1 - 3.5	0		0		5		90		0		0		0		5		0		100	
3.6 - 4.0	0		0		5		60		0		0		0		5		0		70	
4.1 - 4.5	0		0		0		50		0		0		0		0		0		50	
4.6 - 5.0	0		0		0		10		0		5		0		0		0		15	
5.1 - 6.0	0		0		0		0		0		45		0		0		0		45	
6.1 - 7.0	0		0		0		0		5		20		0		0		0		25	
7.1 - 8.0	0		0		0		0		0		5		0		0		0		5	
8.1 - 9.0	0		0		0		0		0		0		5		0		0		5	
9.1 - 11.0	0		0		0		0		0		0		5		5		0		10	
11.1 - 12.0	0		0		0		0		0		0		0		0		0		0	
12.1 - 15.0	0		0		0		0		0		0		0		5		0		5	
15.1 - 20.0	0		0		0		0		0		0		0		5		0		5	
20.1 - 25.0	0		0		0		0		0		0		0		0		0		0	
25.1 AND OVER	0		0		0		0		0		0		0		0		0		0	
NO INFORMATION	470		6180		5		7880		0		2235		330		90		115		17305	
MEAN 1968	0.4		0.7		3.0		0.9		7.0		0.9		0.8		1.7		0.7		0.9	
*MEAN 1967	0.6		0.7		1.0		0.7		0.0		0.8		0.7		0.9		0.7		0.7	
**MEAN 1966	0.7		0.7		0.9		0.9		1.0		1.0		1.5		1.0		0.8		0.9	

* 1967 CALIFORNIA NOT INCLUDED.
 ** 1966 INCLUDES ARKANSAS AND KENTUCKY. CALIFORNIA NOT INCLUDED.

SOFT RED WINTER WHEAT TOTAL DEFECTS
PERCENTAGE CONTENT FREQUENCY DISTRIBUTION OF INSPECTED RECEIPTS,
BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1968 CROP
ALL INSPECTIONS
ALL STATES

PERCENT	NO. 1 HEAVY NUMBER	NO. 1 NUMBER	GRADE		NO. 3 HEAVY NUMBER	NO. 3 NUMBER	NO. 4 NUMBER	NO. 5 NUMBER	SAMPLE GRADE NUMBER	ALL GRADES NUMBER
			NO. 2 HEAVY NUMBER	NO. 2 NUMBER						
0.0	0	0	0	0	0	0	0	0	0	0
0.1 - 1.0	55	790	0	930	0	90	45	0	0	1910
1.1 - 2.0	25	1000	0	1620	0	490	80	5	5	3225
2.1 - 2.5	5	445	0	1095	0	400	100	0	5	2050
2.6 - 3.0	0	290	5	1190	0	485	105	20	5	2100
3.1 - 3.5	0	0	5	615	0	285	40	15	0	960
3.6 - 4.0	0	0	0	355	0	315	115	30	5	820
4.1 - 4.5	0	0	5	185	0	160	40	0	5	395
4.6 - 5.0	0	0	0	180	0	170	80	35	0	465
5.1 - 6.0	0	0	0	0	0	140	40	30	10	220
6.1 - 7.0	0	0	0	0	0	90	10	20	5	125
7.1 - 8.0	0	0	0	0	5	60	35	20	20	140
8.1 - 9.0	0	0	0	0	0	0	55	15	10	80
9.1 - 11.0	0	0	0	0	0	0	50	25	20	95
11.1 - 12.0	0	0	0	0	0	0	15	15	15	45
12.1 - 15.0	0	0	0	0	0	0	0	40	5	45
15.1 - 20.0	0	0	0	0	0	0	0	20	25	45
20.1 - 25.0	0	0	0	0	0	0	0	0	15	15
25.1 AND OVER	0	0	0	0	0	0	0	0	50	50
NO INFORMATION	475	6180	5	7835	0	2180	315	80	110	17180
MEAN 1968	0.9	1.6	3.6	2.3	7.3	3.2	4.4	7.9	16.9	2.8
*MEAN 1967	1.3	1.6	4.0	2.2	0.0	3.2	5.5	8.7	16.5	2.7
**MEAN 1966	1.2	1.6	2.4	2.5	3.0	3.2	3.8	5.1	11.4	2.3

* 1967 CALIFORNIA NOT INCLUDED.

** 1966 INCLUDES ARKANSAS AND KENTUCKY. CALIFORNIA NOT INCLUDED.

WHITE WHEAT
INSPECTED RECEIPTS, DESIGNATED STATES,
2 MONTHS FOLLOWING HARVEST, 1968 CROP
ALL INSPECTIONS

STATES	GRADES										SPECIAL GRADES						SUBCLASSES										
	NO. 1 HEAVY		NO. 2 HEAVY		NO. 3 HEAVY		NO. 4		NO. 5		SAMPLE GRADE		TOTAL		TOUGH		WEEV- ILY		GAR- LUCKY		HARD WHITE		SOFT WHITE		WEST. WHITE		
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
CALIFORNIA	312	332	88	196	20	52	52	52	0	8	1060				0	0	0	0	0	0	656	392	12	0			
MICHIGAN	8	596	0	420	0	64	12	0	0	0	1100				436	0	0	0	0	0	0	1100	0	0			
NEW YORK	8	500	0	616	0	88	8	4	40	1264					612	4	36	0	1264	0	0						
OHIO	16	332	0	416	0	144	8	12	12	940					500	4	0	0	940	0	0						
UTAH	428	1124	16	980	8	748	568	344	2048	6264					116	0	0	164	6100	0	0						
*ALL STATES	772	2884	104	2628	28	1096	648	360	2108	10628					1664	8	36	820	9796	12	0						
% 1968 CROP YEAR	7.3	27.1	1.0	24.7	0.3	10.3	6.1	3.4	19.8	100.0					15.7	0.1	0.3	7.7	92.2	0.1	0.0						
% 1967 CROP YEAR	7.6	44.4	1.0	34.1	0.4	6.6	3.6	0.8	1.5	100.0					19.0	0.0	0.7	7.8	92.0	0.1	0.0						
% 1966 CROP YEAR	48.5	21.3	2.6	16.8	1.6	6.7	1.4	0.5	0.6	100.0					13.4	0.3	0.2	4.5	88.9	5.5	1.1						
**IDAHO		1084		572		880	316	144	568	3564																	
**OREGON		1268		1140		616	200	44	188	3456					0												
**WASHINGTON		3880		2612		1576	500	180	180	8928					184												

* IDAHO, OREGON, AND WASHINGTON NOT INCLUDED.
** INFORMATION NOT AVAILABLE FOR SPECIAL GRADES AND SUBCLASSES.

WHITE WHEAT THIS YEAR'S CROP WAS DOWN IN QUALITY COMPARED TO THE PAST TWO YEARS. ONLY 60 PERCENT GRADED NO. 2 OR BETTER, COMPARED TO 87 AND 89 PERCENT IN 1967 AND 1966 RESPECTIVELY. A PROLONGED RAINY PERIOD DURING HARVEST THIS YEAR LOWERED THE QUALITY AND RESULTED IN MARKETING PROBLEMS WITH SPROUTED WHEAT. ALMOST 20 PERCENT OF THIS YEAR'S CROP WAS SAMPLE GRADE. THE SAMPLE GRADE WAS CAUSED BY A 16 PERCENT INCREASE IN TOTAL DAMAGE.

WHITE WHEAT
RANGE, AVERAGE PERCENTAGE CONTENT AND TOTAL NUMBER OF RECEIPTS FOR SPECIFIC GRADE FACTORS
BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1968 CROP AND 1967 CROP AVERAGE
ALL INSPECTIONS
ALL STATES**

QUALITY FACTOR	GRADE										SAMPLE GRADE		ALL GRADES	
	NO. 1 HEAVY	NO. 1 NO. PCT.	NO. 2 NO. PCT.	NO. 2 NO. PCT.	NO. 3 NO. PCT.	NO. 3 NO. PCT.	NO. 3 HEAVY	NO. 4 NO. PCT.	NO. 4 NO. PCT.	NO. 5 NO. PCT.	NO. PCT.	NO. PCT.	NO.	PCT.
DOCKAGE														
HIGH	4.2	6.7	3.2	12.2	2.2	9.7		10.7	7.7		10.2		12.2	
LOW	0.7	0.7	0.7	0.7	1.2	0.7		0.7	0.7		0.7		0.7	
AVERAGE	500	1.0	1312	1.2	88	1.8	1460	1.3	280	1.5	1792	1.3	6820	1.3
1967	920	0.9	4592	1.2	128	1.3	2864	1.6	60	2.5	96	1.2	9828	1.4
TEST WEIGHT *														
HIGH	64.8	61.9	63.3	61.9	63.0	61.8		63.2	60.5		63.5		64.8	
LOW	62.0	60.0	62.0	58.0	62.3	56.0		54.0	51.3		46.6		46.6	
AVERAGE	772	62.4	2884	60.8	104	62.4	2628	59.2	360	56.8	2108	56.0	10628	59.0
1967	1152	62.4	6732	60.8	148	62.5	5168	59.2	124	57.0	224	56.9	15168	60.1
MOISTURE														
HIGH	14.0	15.2	12.3	16.2	0.0	17.9		16.2	20.0		17.8		20.0	
LOW	6.5	6.8	7.2	7.0	0.0	7.8		7.3	9.5		7.3		6.5	
AVERAGE	312	9.2	1864	12.7	32	8.5	1816	13.2	128	12.6	932	12.1	5944	12.5
1967	112	10.1	2188	13.0	36	11.5	2732	13.6	80	13.9	176	14.0	6104	13.3
HEAT DAMAGE														
HIGH	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0		1.8		1.8	
LOW	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0		0.5		0.5	
AVERAGE	0	0.0	0	0.0	0	0.0		0	0		8		8	
1967	0	0.0	0	0.0	0	0.0		0	0		4		16	
TOTAL DAMAGE														
HIGH	1.5	2.0	0.5	4.0	5.0	7.0		10.0	15.0		80.0		80.0	
LOW	0.5	0.3	0.5	0.3	1.0	0.3		0.5	0.3		0.5		0.3	
AVERAGE	28	0.9	408	1.1	4	0.5	976	1.7	340	12.8	2092	35.2	5180	16.8
1967	4	0.5	484	1.1	32	2.0	1028	2.2	80	13.5	172	25.2	2444	4.6
FOREIGN MATERIAL														
HIGH	0.5	0.5	0.9	1.0	0.4	2.0		3.0	1.0		7.0		7.0	
LOW	0.2	0.1	0.3	0.1	0.4	0.1		0.2	0.1		0.1		0.1	
AVERAGE	96	0.3	460	0.3	32	0.6	576	0.4	40	0.3	100	1.0	1616	0.5
1967	132	0.4	968	0.3	64	0.5	1132	0.4	84	1.1	160	0.6	3228	0.5
SHRUNKEN & BROKEN														
HIGH	2.8	2.8	4.2	5.0	1.6	7.7		10.8	12.0		20.4		20.4	
LOW	0.4	0.1	1.2	0.1	0.4	0.2		0.2	0.3		0.2		0.1	
AVERAGE	440	1.3	1296	1.2	52	3.1	1352	1.3	348	1.3	2084	1.0	6996	1.2
1967	896	1.4	4836	1.5	128	2.3	2992	1.8	108	2.4	176	0.8	10388	1.7
TOTAL DEFECTS														
HIGH	2.7	3.0	4.4	5.0	5.8	8.0		12.0	19.0		81.2		81.2	
LOW	1.0	0.6	2.0	0.6	2.6	0.6		0.9	2.7		1.2		0.6	
AVERAGE	120	1.9	564	1.9	44	3.6	1024	2.8	332	14.0	2080	36.3	5424	17.0
1967	136	1.8	996	1.9	76	3.2	1084	3.0	84	12.7	168	26.0	3276	4.5
CONTRASTING CLASSES														
HIGH	1.0	1.0	1.5	2.0	3.0	3.0		10.0	8.0		10.0		10.0	
LOW	0.4	0.3	0.5	0.5	0.5	0.5		0.5	0.4		0.5		0.3	
AVERAGE	68	0.7	156	0.7	12	1.2	164	1.4	24	3.0	32	2.2	716	1.9
1967	164	0.7	516	0.7	96	1.5	292	1.2	16	2.9	8	6.7	1596	2.1
OTHER CLASSES														
HIGH	1.0	3.0	0.0	5.0	0.0	7.0		2.0	1.0		1.0		7.0	
LOW	0.2	0.2	0.0	0.2	0.0	0.3		1.0	1.0		1.0		0.2	
AVERAGE	16	0.8	292	1.1	0	0.0	364	1.3	4	1.0	8	1.0	784	1.2
1967	4	3.0	176	1.0	0	0.0	588	1.4	8	1.5	0	0.0	872	1.4

* TEST WEIGHT IN POUNDS.

** 1967 AND 1968 IDAHO, OREGON, AND WASHINGTON DATA NOT INCLUDED.

WHITE WHEAT TEST WEIGHT
FREQUENCY DISTRIBUTION OF INSPECTED RECEIPTS,
BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1968 CROP
ALL INSPECTIONS
ALL STATES

POUNDS	NO. 1 HEAVY		NO. 1		NO. 2 HEAVY		NO. 2		GRADE NO. 3 HEAVY		NO. 3		NO. 4		NO. 5		SAMPLE GRADE		ALL GRADES	
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
65.0 - 68.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
62.0 - 64.9	772	0	104	0	0	0	0	28	0	0	0	0	32	0	0	0	20	0	956	956
60.0 - 61.9	0	2884	0	0	0	0	356	0	0	136	0	0	60	12	0	0	32	0	3480	3480
59.0 - 59.9	0	0	0	0	0	0	1320	0	0	100	0	0	84	44	0	0	76	0	1624	1624
58.0 - 58.9	0	0	0	0	0	0	952	0	0	120	0	0	72	52	0	0	176	0	1372	1372
57.0 - 57.9	0	0	0	0	0	0	0	0	0	476	0	0	108	76	0	0	256	0	916	916
56.0 - 56.9	0	0	0	0	0	0	0	0	0	264	0	0	88	76	0	0	472	0	900	900
55.0 - 55.9	0	0	0	0	0	0	0	0	0	0	0	0	124	32	0	0	540	0	696	696
54.0 - 54.9	0	0	0	0	0	0	0	0	0	0	0	0	80	12	0	0	332	0	424	424
53.0 - 53.9	0	0	0	0	0	0	0	0	0	0	0	0	0	44	0	0	124	0	168	168
52.0 - 52.9	0	0	0	0	0	0	0	0	0	0	0	0	0	8	0	0	56	0	64	64
51.0 - 51.9	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	4	4
50.0 - 50.9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16	0	16	16
49.0 - 49.9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	4	4
45.0 - 48.9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	4	4
NO INFORMATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
*MEAN 1968	62.4	60.8	62.4	59.2	62.7	57.9	59.2	62.7	57.9	57.5	56.8	59.0	56.0	59.0	59.0	59.0	56.0	59.0	59.0	59.0
*MEAN 1967	62.4	60.8	62.5	59.2	62.6	58.0	59.2	62.6	58.0	59.6	57.0	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
MEAN 1966	63.2	60.9	62.8	59.3	62.7	58.5	59.3	62.7	58.5	59.6	58.8	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0

*1967 AND 1968 IDAHO, OREGON, AND WASHINGTON DATA NOT INCLUDED.

WHITE WHEAT MOISTURE
PERCENTAGE CONTENT FREQUENCY DISTRIBUTION OF INSPECTED RECEIPTS,
BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1968 CROP
ALL INSPECTIONS
ALL STATES

PERCENT	GRADE										
	NO. 1 HEAVY NUMBER	NO. 1 NUMBER	NO. 2 HEAVY NUMBER	NO. 2 NUMBER	NO. 3 HEAVY NUMBER	NO. 3 NUMBER	NO. 4 NUMBER	NO. 5 NUMBER	SAMPLE GRADE NUMBER	ALL GRADES NUMBER	
6.5 - 9.0	176	176	24	76	0	12	36	0	4	504	
9.1 - 10.0	40	60	0	24	0	0	0	4	12	140	
10.1 - 10.5	32	36	4	8	0	4	8	12	20	124	
10.6 - 11.0	16	16	0	20	0	32	20	16	100	220	
11.1 - 11.5	4	36	0	32	0	60	44	20	176	372	
11.6 - 12.0	4	32	0	48	0	44	32	12	172	344	
12.1 - 12.5	4	60	4	124	0	108	52	16	188	556	
12.6 - 13.0	24	308	0	232	0	60	8	12	108	752	
13.1 - 13.5	8	596	0	436	0	108	12	16	92	1268	
13.6 - 14.0	4	384	0	388	0	36	16	0	12	840	
14.1 - 14.5	0	140	0	256	0	44	0	4	8	452	
14.6 - 15.0	0	16	0	120	0	36	12	0	16	200	
15.1 - 16.0	0	4	0	48	0	52	4	0	12	120	
16.1 AND OVER	0	0	0	4	0	16	4	16	12	52	
NO INFORMATION	460	1020	72	812	28	484	400	232	1176	4684	
*MEAN 1968	9.2	12.7	8.5	13.2	0.0	13.0	11.6	12.6	12.1	12.5	
*MEAN 1967	10.1	13.0	11.5	13.6	11.8	13.7	13.5	13.9	14.0	13.3	
MEAN 1966	9.5	10.4	10.3	12.1	10.6	12.1	11.6	11.4	11.2	10.3	

*1967 AND 1968 IDAHO, OREGON, AND WASHINGTON DATA NOT INCLUDED.

WHITE WHEAT TOTAL DAMAGE
 PERCENTAGE CONTENT FREQUENCY DISTRIBUTION OF INSPECTED RECEIPTS,
 BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1968 CROP
 ALL INSPECTIONS
 ALL STATES

PERCENT	NO. 1 HEAVY		NO. 2 HEAVY		NO. 2 HEAVY		GRADE NO. 3 HEAVY		NO. 3		NO. 4		NO. 5		SAMPLE GRADE		ALL GRADES	
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
.1 - 1.0	20	256	4	352	4	164	56	4	864	4	56	4	4	864	4	864	4	864
1.1 - 1.5	8	104	0	212	0	32	16	0	372	0	16	0	0	372	0	372	0	372
1.6 - 2.0	0	48	0	204	0	84	4	0	340	0	4	0	0	340	0	340	0	340
2.1 - 2.5	0	0	0	36	0	36	4	0	80	0	4	4	0	80	0	80	0	80
2.6 - 3.0	0	0	0	108	0	60	4	0	180	0	4	0	0	180	0	180	0	180
3.1 - 3.5	0	0	0	28	0	20	8	0	56	0	8	0	0	56	0	56	0	56
3.6 - 4.0	0	0	0	36	0	68	8	0	116	0	8	0	0	116	0	116	0	116
4.1 - 4.5	0	0	0	0	0	36	0	0	36	0	0	0	0	36	0	36	0	36
4.6 - 5.0	0	0	0	0	0	60	4	0	80	0	4	8	0	80	0	80	0	80
5.1 - 6.0	0	0	0	0	0	148	8	0	164	0	8	8	0	164	0	164	0	164
6.1 - 7.0	0	0	0	0	0	108	28	0	144	0	28	4	0	144	0	144	0	144
7.1 - 8.0	0	0	0	0	0	0	116	0	120	0	116	4	0	120	0	120	0	120
8.1 - 10.0	0	0	0	0	0	0	252	0	264	0	252	8	0	264	0	264	0	264
10.1 - 12.5	0	0	0	0	0	0	0	0	76	0	0	76	0	76	0	76	0	76
12.6 - 15.0	0	0	0	0	0	0	0	0	232	0	0	224	8	232	0	232	0	232
15.1 AND OVER	0	0	0	0	0	0	0	0	2056	0	0	0	0	2056	0	2056	0	2056
NO INFORMATION	744	2476	100	1652	20	280	140	20	5448	20	140	20	20	5448	16	5448	16	5448
* MEAN 1968	0.9	1.1	0.5	1.7	3.0	3.7	7.4	12.8	16.8	3.7	7.4	12.8	12.8	16.8	35.2	16.8	35.2	16.8
* MEAN 1967	0.5	1.1	2.0	2.2	5.2	4.0	6.3	13.5	4.6	4.0	6.3	13.5	13.5	4.6	25.2	4.6	25.2	4.6
MEAN 1966	0.1	0.1	0.3	0.7	0.3	1.7	3.7	8.8	0.7	1.7	3.7	8.8	8.8	0.7	19.9	0.7	19.9	0.7

*1967 AND 1968 IDAHO, OREGON, AND WASHINGTON DATA NOT INCLUDED.

WHITE WHEAT FOREIGN MATERIAL
PERCENTAGE CONTENT FREQUENCY DISTRIBUTION OF INSPECTED RECEIPTS,
BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1968 CROP
ALL INSPECTIONS
ALL STATES

PERCENT	NO. 1 HEAVY	NO. 1 NUMBER	NO. 2 HEAVY	NO. 2 NUMBER	GRADE			NO. 3 HEAVY	NO. 3 NUMBER	NO. 4 NUMBER	NO. 5 NUMBER	SAMPLE GRADE NUMBER	ALL GRADES NUMBER
					NO. 1	NO. 2	NO. 3						
0.0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.1 - 0.5	96	460	12	424	4	4	136	56	36	1292	68	1292	1292
0.6 - 1.0	0	0	20	152	0	0	44	12	4	252	20	252	252
1.1 - 1.5	0	0	0	0	0	0	20	0	0	20	0	20	20
1.6 - 2.0	0	0	0	0	0	0	12	4	0	16	0	16	16
2.1 - 2.5	0	0	0	0	0	0	0	12	0	12	0	12	12
2.6 - 3.0	0	0	0	0	0	0	0	12	0	16	4	16	16
3.1 - 3.5	0	0	0	0	0	0	0	0	0	4	4	4	4
3.6 - 4.0	0	0	0	0	0	0	0	0	0	0	0	0	0
4.1 - 4.5	0	0	0	0	0	0	0	0	0	0	0	0	0
4.6 - 5.0	0	0	0	0	0	0	0	0	0	0	0	0	0
5.1 - 6.0	0	0	0	0	0	0	0	0	0	0	0	0	0
6.1 - 8.0	0	0	0	0	0	0	0	0	0	4	4	4	4
8.1 - 10.0	0	0	0	0	0	0	0	0	0	0	0	0	0
10.1 - 15.0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO INFORMATION	676	2424	72	2052	24	884	552	320	2008	9012	1.0	0.5	0.5
MEAN 1968	0.3	0.3	0.6	0.4	0.4	0.6	1.1	0.3	1.1	0.6	0.5	0.5	0.5
MEAN 1967	0.4	0.3	0.5	0.4	0.8	0.5	0.9	1.1	2.0	2.6	0.3	0.3	0.3
MEAN 1966	0.2	0.2	0.7	0.3	0.1	0.4	1.8	2.0	2.6	0.3	0.3	0.3	0.3

*1967 AND 1968 IDAHO, OREGON, AND WASHINGTON DATA NOT INCLUDED.

WHITE WHEAT SHRUNKEN AND BROKEN KERNELS
 PERCENTAGE CONTENT FREQUENCY DISTRIBUTION OF INSPECTED RECEIPTS,
 BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1968 CROP
 ALL STATES

PERCENT	NO. 1 HEAVY		NO. 2 HEAVY		NO. 2 HEAVY		GRADE NO. 3 HEAVY		NO. 3		NO. 4		NO. 5		SAMPLE GRADE		ALL GRADES	
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.1 - 1.0	132	624	0	0	756	4	480	244	176	1260	3676							
1.1 - 2.0	276	572	8	384	272	144	752	2664										
2.1 - 2.5	24	64	0	48	16	8	204											
2.6 - 3.0	8	36	4	36	0	4	112											
3.1 - 3.5	0	0	28	60	8	20	124											
3.6 - 4.0	0	0	8	44	4	12	84											
4.1 - 4.5	0	0	4	8	8	0	24											
4.6 - 5.0	0	0	0	16	4	0	24											
5.1 - 6.0	0	0	0	0	16	0	28											
6.1 - 7.0	0	0	0	0	8	0	12											
7.1 - 8.0	0	0	0	0	4	0	12											
8.1 - 9.0	0	0	0	0	0	0	16											
9.1 - 11.0	0	0	0	0	0	0	8											
11.1 - 12.0	0	0	0	0	0	0	4											
12.1 - 15.0	0	0	0	0	0	0	0											
15.1 - 20.0	0	0	0	0	0	0	0											
20.1 - 25.0	0	0	0	0	0	0	0											
25.1 AND OVER	0	0	0	0	0	0	0											
NO INFORMATION	332	1588	52	1276	20	276	52	3632										
*MEAN 1968	1.3	1.2	3.1	1.3	1.0	1.2	1.7	1.2	1.3	1.0	1.2							
*MEAN 1967	1.4	1.5	2.3	1.8	2.3	2.4	2.1	2.4	2.4	0.8	1.7							
MEAN 1966	1.0	1.4	1.2	1.6	0.8	1.4	2.0	1.5	1.3	1.2	1.2							

*1967 AND 1968 IDAHO, OREGON, AND WASHINGTON DATA NOT INCLUDED.

WHITE WHEAT TOTAL DEFECTS
PERCENTAGE CONTENT - FREQUENCY DISTRIBUTION OF INSPECTED RECEIPTS,
BY GRADE, 2 MONTHS FOLLOWING HARVEST, 1968 CROP
ALL INSPECTIONS
ALL STATES

PERCENT	NO. 1 HEAVY			NO. 2 HEAVY			GRADE NO. 3 HEAVY			NO. 4			NO. 5			SAMPLE GRADE		ALL GRADES
	NUMBER	NO. 1	NUMBER	NUMBER	NO. 2	NUMBER	NUMBER	NO. 3	NUMBER	NUMBER	NO. 4	NUMBER	NUMBER	NO. 5	NUMBER	NUMBER	NUMBER	NUMBER
0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.1 - 1.0	4	40	0	0	36	0	0	8	4	4	4	0	0	0	0	0	0	92
1.1 - 2.0	64	280	4	4	292	0	0	88	12	12	12	0	0	0	4	4	4	744
2.1 - 2.5	44	148	0	0	192	0	0	48	32	32	32	0	0	0	0	0	0	464
2.6 - 3.0	8	96	0	0	128	4	4	36	20	20	20	4	4	4	0	0	0	296
3.1 - 3.5	0	0	20	20	104	0	0	24	8	8	8	0	0	0	4	4	4	160
3.6 - 4.0	0	0	12	12	128	0	0	44	16	16	16	0	0	0	4	4	4	204
4.1 - 4.5	0	0	8	8	68	0	0	36	8	8	8	4	4	4	0	0	0	124
4.6 - 5.0	0	0	0	0	76	0	0	36	12	12	12	0	0	0	0	0	0	124
5.1 - 6.0	0	0	0	0	0	4	4	116	20	20	20	0	0	0	4	4	4	144
6.1 - 7.0	0	0	0	0	0	0	0	140	4	4	4	4	4	4	4	4	4	152
7.1 - 8.0	0	0	0	0	0	0	0	152	20	20	20	4	4	4	0	0	0	176
8.1 - 9.0	0	0	0	0	0	0	0	0	68	68	68	4	4	4	0	0	0	72
9.1 - 11.0	0	0	0	0	0	0	0	0	236	236	236	4	4	4	8	8	8	248
11.1 - 12.0	0	0	0	0	0	0	0	0	64	64	64	16	16	16	4	4	4	84
12.1 - 15.0	0	0	0	0	0	0	0	0	0	0	0	148	148	148	0	0	0	148
15.1 - 20.0	0	0	0	0	0	0	0	0	0	0	0	144	144	144	156	156	300	300
20.1 - 25.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	356	356	356	356
25.1 AND OVER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1536	1536	1536	1536
NO INFORMATION	652	2320	60	60	1604	20	20	368	124	124	124	28	28	28	28	28	28	5204
*MEAN 1968	1.9	1.9	3.6	3.6	2.8	4.2	4.2	5.0	8.2	8.2	8.2	14.0	14.0	14.0	36.3	36.3	36.3	17.0
*MEAN 1967	1.8	1.9	3.2	3.2	3.0	3.9	3.9	4.9	5.8	5.8	5.8	12.7	12.7	12.7	26.0	26.0	26.0	4.5
MEAN 1966	1.2	1.6	1.7	1.7	2.0	1.8	1.8	2.3	5.1	5.1	5.1	9.0	9.0	9.0	14.9	14.9	14.9	1.7

*1967 AND 1968 IDAHO, OREGON, AND WASHINGTON DATA NOT INCLUDED.

DRY EDIBLE BEAN INSPECTIONS: PERCENTAGE
DISTRIBUTION OF NUMBER OF INSPECTIONS BY GRADE
AND SELECT CLASSES, 9 WEEKS DURING AND FOLLOWING HARVEST, 1968, 1967, AND 1966 CROP.

CLASS	1968 CROP YEAR	1967 CROP YEAR	1966 CROP YEAR	HAND PICKED	U.S. EXTRA NO.1	NO.1	NO.2	NO.3	SUB STANDARD	SAMPLE GRADE
BLACKEYE	0	0	0	0	0	43.5	28.1	8.7	5.0	14.7
	0	0	0	0	0	27.7	34.8	8.9	2.2	26.4
	0	0	0	0	0	30.5	33.8	12.5	5.3	17.9
CRANBERRY	0	0	0	0	0	99.0	1.0	0	0	0
	0	0	0	0	0	100.0	0	0	0	0
	0	0	0	0	0	97.8	2.2	0	0	0
GREAT NORTHERN	0	0	0	0	0	97.7	0.7	1.6	0	0
	0	0	0	0	0	94.2	5.3	0.5	0	0
	0	0	0	0	0	89.9	9.8	0	0.3	0
DARK & LIGHT RED KIDNEY	0	0	0	0	0	100.0	0	0	0	0
	0	0	0	0	0	68.4	31.6	0	0	0
	0	0	0	0	0	70.8	29.2	0	0	0
WESTERN RED KIDNEY	4.8	36.4	1.4	0	0	85.7	9.5	0	0	0
	0	0	0	0	0	54.6	9.0	0	0	0
	0	0	0	0	0	90.1	5.7	1.4	1.4	0
BABY LIMA	0	0	0	0	20.9	48.1	11.6	7.0	12.4	0
	0	0	0	0	0	70.0	20.0	10.0	0	0
	0	0	0	0	48.4	50.0	1.6	0	0	0
LARGE LIMA	0	0	0	0	27.3	58.6	9.8	0	4.3	0
	0	0	0	0	5.4	62.4	20.8	0	11.4	0
	0	0	0	0	25.8	59.2	11.9	0	1.4	1.7
PEA BEANS	4.1	25.3	2.7	0	0	95.9	0	0	0	0
	0	0	0	0	0	65.7	9.0	0	0	0
	0	0	0	0	0	97.2	0.1	0	0	0
PINK BEANS	0	0	0	0	0	80.3	16.5	0.8	2.4	0
	0	0	0	0	0	70.8	15.2	6.4	7.6	0
	0	0	0	0	0	58.9	27.4	12.0	1.7	0
PINTO	3.7	0	0	0	0	89.5	5.1	0.7	1.0	0
	0	0	0	0	0	94.4	3.9	1.7	0	0
	0	0	0	0	0	74.3	13.2	5.0	7.5	0
SMALL RED	1.3	4.9	0	0	0	54.8	36.2	4.5	3.2	0
	0	0	0	0	0	78.0	14.7	0	2.4	0
	0	0	0	0	0	49.3	42.0	6.2	2.5	0
SMALL WHITE	0	0	0	0	0	100.0	0	0	0	0
	0	0	0	0	0	50.0	50.0	0	0	0
	0	0	0	0	0	76.9	17.9	2.6	2.6	0
BLACK TURTLE	0	0	0	0	0	98.3	1.7	0	0	0
	0	0	0	0	0	100.0	0	0	0	0

SEE FOOTNOTE PAGE 72

1968 CROP					
INSPECTIONS	GREEN			YELLOW	
	NO. 1	NO. 2	NO. 3	SAMPLE GRADE	
	912	693	587	623	
% OF 1968 CROP	32.4	24.6	20.9	22.1	21.5
% OF 1967 CROP	41.9	22.5	14.6	21.0	17.1
% OF 1966 CROP	44.8	24.6	16.6	14.0	12.0

DRY EDIBLE BEANS THE PERCENTAGE OF DRY EDIBLE BEANS GRADING NO.1 IN 1968 AS COMPARED WITH 1966 HAS INCREASED SIGNIFICANTLY. CLASSES SHOWING THE GREATEST INCREASE WERE DARK AND LIGHT RED KIDNEY, 29.2 PERCENT; SMALL WHITE, 23.1 PERCENT; AND PINKS, 21.4 PERCENT. OTHER CLASSES SHOWING A MARKED INCREASE OVER THE PAST THREE YEARS IN THE PERCENT GRADING NO.1 WERE PINTO, 15.2 PERCENT; BLACKEYE, 13.0 PERCENT; GREAT NORTHERN, 7.8 PERCENT; AND SMALL RED, 5.5 PERCENT.

DRY EDIBLE PEAS THE QUALITY OF DRY EDIBLE PEAS HAS DECLINED OVER THE PAST TWO YEARS. THERE WAS 12.4 PERCENT LESS GREENS AND 19.8 PERCENT LESS YELLOWS GRADING NO.1 IN 1968 COMPARED WITH 1966. THE PERCENT GRADING NO.2 OVER THE PAST THREE YEARS HAS STAYED ABOUT THE SAME WITH MORE GRADING NO.3 AND SAMPLE.